Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #

ttachment 2 to CCR 95-0824A: New Release B L4s for addition to MAIN

his attachment provides the list of Release B L4 requirements to be added to the RTM MAIN Level_4 class. These requirements replace the Release B quirements listed in Attachment 1. It should be applied automatically after the addition of the RELB_SEC_NO attribute is added to the Level_4 class. ttention is also drawn to the default values for the fields not shown in this table defined on the RTM Change Request Form.

ote that these requirements largely reflect the content of the Release B 304 document. However, some minor changes and corrections were applied to the elease B RTM database following the issue of the 304 document. This list is not therefore identical to the content of DID 304.

his attachment has been revised for CCR 95-0824A as follows:
ull incorporation of impacts from CCR 0623
hanges of requirement type to C-CSS-03900, C-CSS-03910, C-MSS-04000 from RMA to Security
odification to wording of C-ISS-04102
eferences to 304 appendices to refer to the "current version of 304-CD-005" or "304-CD-002 or -003"
inor changes to S-DPS-20695 & S-PLS-00070
-DSS-21812 has been deleted. (This was erroneously present.)

ra_id	text	release	reqt_type	src_interface	dest_interface	clarification_text	release B section no.
-CSS-01230	The CSS Security Service shall provide security delegation to allow an intermediary server to operate on behalf of an initiating client while preserving both client's and server's identities and access control attributes across chained operations.	B	functional	---	---	(DCE 1.1 feature)	04.09.03
-CSS-01240	The CSS DOF Service shall provide a daemon process service that enables secure remote administration of DCE services and enables control of service configuration parameters.	B	functional	---	---	(DCE 1.1 feature)	04.09.03
-CSS-01250	The CSS DOF Service shall provide cell namespace aliasing for the directory service to permit administrative ease of changes.	B	functional	---	---	(DCE 1.1 feature)	04.09.03
-CSS-01260	The CSS DOF Service shall provide a hierarchical cell namespace structure.	B	functional	---	---	(DCE 1.1 feature)	04.09.03
-CSS-01270	The CSS Security Service shall provide for distributed file service delegation that permits a file to be passed with its corresponding directory service namespace structure.	B	functional	---	---	(DCE 1.1 feature)	04.09.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CSS-01280	The CSS Security Service shall provide for a security service ACL manager library.	B	functional	---	---	(DCE 1.1 feature)	04.09.03
CSS-02000	The CSS-DCHW CI Enterprise Communications Server shall be physically and functionally identical to the Enterprise Monitoring Server in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-21000	04.09.04
CSS-02010	The CSS-DCHW CI Enterprise Communications Server shall share data with the Local Communications Server in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-21005	04.09.04
CSS-02020	The CSS-DCHW CI Enterprise Communications Server shall preserve DAAC autonomy of operations.	B	functional	---	---	Formerly C-HRD-21010	04.09.04
CSS-02030	The CSS-DCHW CI Enterprise Communications Server shall host the CSS software configuration items to create, with the Enterprise Monitoring Server and Management Workstations, an enterprise monitoring and coordination center for the ECS.	B	functional	---	---	Formerly C-HRD-21015	04.09.04
CSS-02100	The CSS-DCHW CI Enterprise Communications Server processor shall include a dedicated terminal to be used as a local systems operations console.	B	functional	---	---	Formerly C-HRD-21100	04.09.04
CSS-02110	The CSS-DCHW CI Enterprise Communications Server processor shall be capable of expansion with additional quantities and types of peripherals.	B	functional	---	---	Formerly C-HRD-21105	04.09.04
CSS-02120	The CSS-DCHW CI Enterprise Communications Server processor shall be upgradeable/replaceable within the same product family without major software modification or replacement of any peripheral or attached component.	B	functional	---	---	Formerly C-HRD-21110	04.09.04
CSS-02130	The CSS-DCHW CI Enterprise Communications Server processor shall have the capability to support a POSIX compliant IEEE 1003.1 operating system (UNIX).	B	functional	---	---	Formerly C-HRD-21115	04.09.04
CSS-02140	The CSS-DCHW CI Enterprise Communications Server processor terminal shall be compatible with the Management Workstation display device.	B	functional	---	---	Formerly C-HRD-21120	04.09.04
CSS-02200	The CSS-DCHW CI Enterprise Communications Server data storage shall be compatible with POSIX compliant operating systems from several vendors.	B	functional	---	---	Formerly C-HRD-21300	04.09.04
CSS-02210	The CSS-DCHW CI Enterprise Communications Server data storage shall be compatible with the Communications Server short-term data storage.	B	functional	---	---	Formerly C-HRD-21310	04.09.04
CSS-02220	The CSS-DCHW CI Enterprise Communications Server data storage shall support RAID level-5: striping with interleaved parity.	B	functional	---	---	Formerly C-HRD-21315	04.09.04
CSS-02230	The CSS-DCHW CI Enterprise Communications Server data storage shall have the following hot swappable components: a. Disks b. Power Supplies c. Fans d. Disk-array controllers	B	functional	---	---	Formerly C-HRD-21320	04.09.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CSS-02240	The CSS-DCHW CI Enterprise Communications Server data storage shall be cross-strapped with the Enterprise Monitoring Server data storage in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-21325	04.09.04
CSS-02250	The CSS-DCHW CI Enterprise Communications Server data storage shall be capable of archiving data to the ECS Data Server archive for data archive.	B	functional	---	---	Formerly C-HRD-21335	04.09.04
CSS-02260	The CSS-DCHW CI Enterprise Communications Server data archive shall adhere to ECS data server archival requirements for data storage and retrieval.	B	functional	---	---	Formerly C-HRD-21345	04.09.04
CSS-02300	The CSS-DCHW CI Enterprise Communications Server peripheral disk drives shall be capable of retrieving data stored from both the Enterprise Communications server data storage and data archive.	B	functional	---	---	Formerly C-HRD-21505	04.09.04
CSS-02400	The CSS-DCHW CI Enterprise Communications Server peripherals shall support at least one tape drive.	B	functional	---	---	Formerly C-HRD-21530	04.09.04
CSS-02410	The CSS-DCHW CI Enterprise Communications Server peripheral tape drive shall have the following characteristics: a. 4mm Digital Audio Tape format b. Accept industry standard magnetic 4mm DAT (i.e. DDS-90)	B	functional	---	---	Formerly C-HRD-21535	04.09.04
CSS-02420	The CSS-DCHW CI Enterprise Communications Server shall provide a peripheral tape drive.	B	functional	---	---	Extracted from C-HRD-21535	04.09.04
CSS-02430	The CSS-DCHW CI Enterprise Communications Server tape drives shall be upgradeable/replaceable within the same product family.	B	functional	---	---	Formerly C-HRD-21540	04.09.04
CSS-02500	The CSS-DCHW CI Enterprise Communications Server peripherals shall support at least one CD-ROM drive.	B	functional	---	---	Formerly C-HRD-21565	04.09.04
CSS-02510	The CSS-DCHW CI Enterprise Communications Server peripheral CD-ROM drive shall have the following characteristic: a. Accept 600MB Compact Disk	B	functional	---	---	Formerly C-HRD-21570	04.09.04
CSS-02520	The CSS-DCHW CI Enterprise Communications Server peripheral CD-ROM drives shall be upgradeable/replaceable within the same product family.	B	functional	---	---	Formerly C-HRD-21575	04.09.04
CSS-02600	The CSS-DCHW CI Local Communications Server shall be physically and functionally identical to the Local Management Server in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-22000	04.09.04
CSS-02610	The CSS-DCHW CI Local Communications Server shall share data with the Enterprise Communications Server in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-22005	04.09.04
CSS-02620	The Local Communications Server shall be configurable according to local DAAC user authentication/authorization policy and preserve other DAAC autonomy of operations.	B	functional	---	---	Formerly C-HRD-22010	04.09.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CSS-02630	The CSS-DCHW CI Local Communications Server shall host the CSS software configuration items to create, with the Local Management Server and Management Workstations, a local system management center for each ECS DAAC.	B	functional	---	---	Formerly C-HRD-22015	04.09.04
CSS-02700	The CSS-DCHW CI Local Communications Server processor shall include a dedicated terminal to be used as a local systems operations console.	B	functional	---	---	Formerly C-HRD-22100	04.09.04
CSS-02710	The CSS-DCHW CI Local Communications Server processor shall be capable of expansion with additional quantities and types of peripherals.	B	functional	---	---	Formerly C-HRD-22105	04.09.04
CSS-02720	The CSS-DCHW CI Local Communications Server processor shall be upgradeable/replaceable within the same product family without major software modification or replacement of any peripheral or attached component.	B	functional	---	---	Formerly C-HRD-22110	04.09.04
CSS-02730	The CSS-DCHW CI Local Communications Server processor shall have the capability to support a POSIX compliant IEEE 1003.1 operating system (UNIX).	B	functional	---	---	Formerly C-HRD-22115	04.09.04
CSS-02740	The CSS-DCHW CI Local Communications Server processor terminal shall be compatible with the Management Workstation display device.	B	functional	---	---	Formerly C-HRD-22120	04.09.04
CSS-02800	The CSS-DCHW CI Local Communications Server data storage shall be compatible with POSIX compliant operating systems from several vendors.	B	functional	---	---	Formerly C-HRD-22300	04.09.04
CSS-02810	The CSS-DCHW CI Local Communications Server short-term data storage shall be compatible with the Enterprise Communications Server intermediate-term data storage.	B	functional	---	---	Formerly C-HRD-22310	04.09.04
CSS-02820	The CSS-DCHW CI Local Communications Server data storage shall support RAID level-5: striping with interleaved parity.	B	functional	---	---	Formerly C-HRD-22315	04.09.04
CSS-02830	The CSS-DCHW CI Local Communications Server data storage shall have the following hot swappable components: a. Disks b. Power Supplies c. Fans d. Disk-array controllers	B	functional	---	---	Formerly C-HRD-22320	04.09.04
CSS-02840	The CSS-DCHW CI Local Communications Server data storage shall be cross-strapped with the Local Management Server short-term data storage in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-22325	04.09.04
CSS-02850	The CSS-DCHW CI Local Communications Server data storage shall be capable of archiving data to the ECS Data Server archive.	B	functional	---	---	Formerly C-HRD-22335	04.09.04
CSS-02860	The CSS-DCHW CI Local Communications Server data archive shall adhere to ECS Data Server archival requirements for data storage and retrieval.	B	functional	---	---	Formerly C-HRD-22345	04.09.04
CSS-02900	The CSS-DCHW CI Local Communications Server peripheral disk drives shall be capable of retrieving data stored from both the Local Communications server data storage and data archive.	B	functional	---	---	Formerly C-HRD-22505	04.09.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CSS-03000	The CSS-DCHW CI Local Communications Server peripherals shall support at least one tape drive.	B	functional	---	---		04.09.04
CSS-03010	The CSS-DCHW CI Local Communications Server peripheral tape drive shall have the following characteristics: a. 4mm Digital Audio Tape format b. Accept industry standard magnetic 4mm DAT (i.e. DDS-90)	B	functional	---	---	Formerly C-HRD-22535	04.09.04
CSS-03020	The CSS-DCHW CI Local Communications Server shall provide a peripheral tape drive.	B	performance	---	---	Extracted from C-HRD-22535	04.09.04
CSS-03030	The CSS-DCHW CI Local Communications Server tape drives shall be upgradeable/replaceable within the same product family.	B	functional	---	---	Formerly C-HRD-22540	04.09.04
CSS-03100	The CSS-DCHW CI Local Communications Server peripherals shall support at least one CD-ROM drive.	B	functional	---	---	Formerly C-HRD-22565	04.09.04
CSS-03110	The CSS-DCHW CI Local Communications Server peripheral CD-ROM drive shall have the following characteristic: a. Accept 600MB Compact Disk	B	functional	---	---	Formerly C-HRD-22570	04.09.04
CSS-03120	The CSS-DCHW CI Local Communications Server peripheral CD-ROM drives shall be upgradeable/replaceable within the same product family.	B	functional	---	---	Formerly C-HRD-22575	04.09.04
CSS-03200	The CSS-DCHW CI Bulletin Board Server shall share data with the Enterprise Communications Server in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-23000	04.09.04
CSS-03210	The CSS-DCHW CI Bulletin Board Server shall preserve DAAC autonomy of operations and aggregate all ECS DAAC authentication/authorization policies by user type and DAAC, to provide a integrated view of ECS for user registration, account administration, and authentication/authorization to ECS services.	B	functional	---	---	Formerly C-HRD-23005	04.09.04
CSS-03220	The CSS-DCHW CI Bulletin Board Server shall host the CSS software configuration items to create a single, secure unified access to all ECS services.	B	functional	---	---	Formerly C-HRD-23010	04.09.04
CSS-03230	The CSS-DCHW CI Bulletin Board Server shall host ECS client software and toolkits for ECS-external distribution.	B	functional	---	---	Formerly C-HRD-23015	04.09.04
CSS-03300	The CSS-DCHW CI Bulletin Board Server processor shall include a dedicated terminal to be used as a local systems operations console.	B	functional	---	---	Formerly C-HRD-23100	04.09.04
CSS-03310	The CSS-DCHW CI Bulletin Board Server processor shall be upgradeable/expandable with additional quantities and types of peripherals.	B	functional	---	---	Formerly C-HRD-23105	04.09.04
CSS-03320	The CSS-DCHW CI Bulletin Board Server processor shall be upgradeable/replaceable within the same product family without the need for any perturbation of any software or replacement of any peripheral or attached component.	B	functional	---	---	Formerly C-HRD-23110	04.09.04
CSS-03330	The CSS-DCHW CI Bulletin Board Server processor shall have the capability to support a POSIX compliant IEEE 1003.1 operating system (UNIX).	B	functional	---	---	Formerly C-HRD-23115	04.09.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
-CSS-03340	The CSS-DCHW CI Bulletin Board Server processor terminal shall be compatible with the Management Workstation display device.	B	functional	---	---	Formerly C-HRD-23120	04.09.04
-CSS-03400	The CSS-DCHW CI Bulletin Board Server data storage shall be compatible with POSIX compliant operating systems from several vendors.	B	functional	---	---	Formerly C-HRD-23300	04.09.04
-CSS-03410	The CSS-DCHW CI Bulletin Board Server data storage shall be capable of archiving data to the ECS data server archive for long-term storage and software/toolkit safestore.	B	functional	---	---	Formerly C-HRD-23310	04.09.04
-CSS-03420	The CSS-DCHW CI Bulletin Board Server data archive shall adhere to ECS data server archival requirements for data storage and retrieval.	B	functional	---	---	Formerly C-HRD-23320	04.09.04
-CSS-03500	The CSS-DCHW CI Bulletin Board Server peripherals shall support at least one tape drive.	B	functional	---	---	Formerly C-HRD-23530	04.09.04
-CSS-03510	The CSS-DCHW CI Bulletin Board Server peripheral tape drive shall have the following characteristics: a. 4mm Digital Audio Tape format b. Accept industry standard magnetic 4mm DAT (i.e. DDS-90)	B	functional	---	---	Formerly C-HRD-23535	04.09.04
-CSS-03520	The CSS-DCHW CI Bulletin Board Server shall provide a peripheral tape drive.	B	performance	---	---	Extracted from C-HRD-23535	04.09.04
-CSS-03530	The CSS-DCHW CI Bulletin Board Server tape drives shall be upgradeable/replaceable within the same product family.	B	functional	---	---	Formerly C-HRD-23540	04.09.04
-CSS-03600	The CSS-DCHW CI Bulletin Board Server peripherals shall support at least one CD-ROM drive.	B	functional	---	---	Formerly C-HRD-23565	04.09.04
-CSS-03610	The CSS-DCHW CI Bulletin Board Server peripheral CD-ROM drive shall have the following characteristic: a. Accept 600MB Compact Disk	B	functional	---	---	Formerly C-HRD-23570	04.09.04
-CSS-03620	The CSS-DCHW CI Bulletin Board Server peripheral CD-ROM drives shall be upgradeable/replaceable within the same product family.	B	functional	---	---	Formerly C-HRD-23575	04.09.04
-CSS-03700	The CSS-DCHW CI Enterprise Communications Server shall be capable of 100 percent growth in the processing speed specified in Appendix A of the current version of 304-CD-005 without modifications or upgrade to software.	B	performance	---	---	Formerly C-HRD-26000	04.09.04
-CSS-03710	The CSS-DCHW CI Enterprise Communications Server shall be capable of 100 percent growth in the storage capacity specified in Appendix A of the current version of 304-CD-005 without modifications or upgrade to software.	B	performance	---	---	Formerly C-HRD-26005	04.09.04
-CSS-03720	The CSS-DCHW CI Local Communications Server shall be capable of 100 percent growth in the processing speed specified in Appendix A of the current version of 304-CD-005 without modifications or upgrade to software.	B	performance	---	---	Formerly C-HRD-26010	04.09.04
-CSS-03730	The CSS-DCHW CI Local Communications Server shall be capable of 100 percent growth in the storage capacity specified in Appendix A of the current version of 304-CD-005 without modifications or upgrade to software.	B	performance	---	---	Formerly C-HRD-26015	04.09.04
-CSS-03740	The CSS-DCHW CI Enterprise Communications Server shall be capable of meeting the capacity and performance characteristics of Appendix A of the current version of 304-CD-005.	B	performance	---	---	Formerly C-HRD-26020	04.09.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CSS-03750	The CSS-DCHW CI Local Communications Server shall be capable of meeting the capacity and performance characteristics of Appendix A of the current version of 304-CD-005.	B	performance	---	---	Formerly C-HRD-26025	04.09.04
CSS-03760	The CSS-DCHW CI Bulletin Board Server shall be capable of meeting the capacity and performance characteristics of Appendix A of the current version of 304-CD-005.	B	performance	---	---	Formerly C-HRD-26030	04.09.04
CSS-03800	The CSS-DCHW CI hardware selection criteria shall meet overall ECS security policies and system requirements.	B	security	---	---	Formerly C-HRD-27000	04.09.04
CSS-03810	The CSS-DCHW CI Bulletin Board Server shall provide a security perimeter for ECS.	B	security	---	---	Formerly C-HRD-27005	04.09.04
CSS-03820	The CSS-DCHW CI Enterprise and Local Communications Servers shall be configured to provide autonomous DAAC security perimeters, FOS isolation, and an Iso-cell ECS security perimeter.	B	security	---	---	Formerly C-HRD-27010	04.09.04
CSS-03900	The CSS-DCHW CI Enterprise Communications Server shall maintain one backup of all software and key data items in a separate physical location.	B	security	---	---	Formerly C-HRD-28000	04.09.04
CSS-03910	The CSS-DCHW CI Local Communications Server shall maintain one backup of all software and key data items in a separate physical location.	B	security	---	---	Formerly C-HRD-28005	04.09.04
CSS-03940	The CSS-DCHW CI Enterprise Communications Server at the SMC shall be configured to support the SMC function of Gathering and Disseminating System Management Information's Availability requirement of 0.998 and an Mean Down Time of 20 minutes during times of staffed operation.	B	RMA	---	---	Formerly C-HRD-28020	04.09.04
CSS-10500	The CSS DCCI shall accept virtual terminal service request from the User.	B	interface	User	CSS	None	04.09.03
CSS-10510	The CSS DCCI shall accept email service request from the User.	B	interface	User	CSS	None	04.09.03
CSS-10520	The CSS DCCI shall accept remote file access service request from the User.	B	interface	User	CSS	None	04.09.03
CSS-10530	The CSS DCCI shall accept bulletin board service request from the User.	B	interface	User	CSS	None	04.09.03
CSS-10540	The CSS DCCI shall provide virtual terminal service to the User.	B	interface	CSS	User	None	04.09.03
CSS-10550	The CSS DCCI shall provide email service to the User.	B	interface	CSS	User	None	04.09.03
CSS-10560	The CSS DCCI shall provide remote file access service to the User.	B	interface	CSS	User	None	04.09.03
CSS-10570	The CSS DCCI shall provide bulletin board to the User.	B	interface	CSS	User	None	04.09.03
CSS-10580	The CSS DCCI shall accept system administration information request from the Operator.	B	interface	Operator	CSS	None	04.09.03
CSS-10590	The CSS DCCI shall provide system administration information to the Operator .	B	interface	CSS	Operator	None	04.09.03
CSS-10600	The CSS DCCI shall accept User authentication request from CLS.	B	interface	CLS	CSS	None	04.09.03
CSS-10610	The CSS DCCI shall accept Common facilities request from CLS	B	interface	CLS	CSS	None	04.09.03
CSS-10620	The CSS DCCI shall provide User authentication response to CLS .	B	interface	CSS	CLS	None	04.09.03
CSS-10630	The CSS DCCI shall provide Common facilities to CLS.	B	interface	CSS	CLS	None	04.09.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CSS-10640	The CSS DCCI shall accept User authorization request from IOS.	B	interface	IOS	CSS	None	04.09.03
CSS-10650	The CSS DCCI shall accept Common facilities request from IOS.	B	interface	IOS	CSS	None	04.09.03
CSS-10660	The CSS DCCI shall provide User authorization response to IOS .	B	interface	CSS	IOS	None	04.09.03
CSS-10670	The CSS DCCI shall provide Common facilities to IOS.	B	interface	CSS	IOS	None	04.09.03
CSS-10680	The CSS DCCI shall accept User authorization request from DMS.	B	interface	DMS	CSS	None	04.09.03
CSS-10690	The CSS DCCI shall accept Common facilities request from DMS.	B	interface	DMS	CSS	None	04.09.03
CSS-10700	The CSS DCCI shall provide User authorization response to DMS.	B	interface	CSS	DMS	None	04.09.03
CSS-10710	The CSS DCCI shall provide Common facilities to DMS.	B	interface	CSS	DMS	None	04.09.03
CSS-10720	The CSS DCCI shall accept Common facilities request from DSS.	B	interface	DSS	CSS	None	04.09.03
CSS-10730	The CSS DCCI shall provide Common facilities to DSS.	B	interface	CSS	DSS	None	04.09.03
CSS-10740	The CSS DCCI shall accept Common facilities request from INS.	B	interface	INS	CSS	None	04.09.03
CSS-10750	The CSS DCCI shall provide Common facilities to INS.	B	interface	CSS	INS	None	04.09.03
CSS-10760	The CSS DCCI shall accept Common facilities request from DPS.	B	interface	DPS	CSS	None	04.09.03
CSS-10770	The CSS DCCI shall provide Common facilities to DPS.	B	interface	CSS	DPS	None	04.09.03
CSS-10780	The CSS DCCI shall accept Common facilities request from PLS.	B	interface	PLS	CSS	None	04.09.03
CSS-10790	The CSS DCCI shall provide Common facilities to PLS.	B	interface	CSS	PLS	None	04.09.03
CSS-10800	The CSS DCCI shall accept Common facilities request from MSS.	B	interface	MSS	CSS	None	04.09.03
CSS-10810	The CSS DCCI shall accept lifecycle commands request from MSS.	B	interface	MSS	CSS	None	04.09.03
CSS-10820	The CSS DCCI shall accept mode request from MSS.	B	interface	MSS	CSS	None	04.09.03
CSS-10830	The CSS DCCI shall provide Common facilities to MSS.	B	interface	CSS	MSS	None	04.09.03
CSS-10840	The CSS DCCI shall have the capability to send processing status to MSS.	B	interface	CSS	MSS	None	04.09.03
CSS-10850	The CSS DCCI shall have the capability to send current mode to MSS.	B	interface	CSS	MSS	None	04.09.03
CSS-10860	The CSS DCCI shall have the capability to send detected hardware and software fault information to MSS.	B	interface	CSS	MSS	None	04.09.03
CSS-10870	The CSS DCCI shall have the capability to send event notification to MSS.	B	interface	CSS	MSS	None	04.09.03
CSS-10880	The CSS DCCI shall have the capability to send resource utilization data to MSS.	B	interface	CSS	MSS		04.09.03
CSS-21220	The CSS Security Service shall provide a mechanism to authenticate client/server applications using the socket protocol for inter-process communications.	B	functional	---	---		04.09.03
CSS-22080	The CSS Message Service shall provide an API for the receiver to register interest in receiving messages from a certain sender.	B	functional	---	---		04.09.03
CSS-22180	The CSS Message Service shall provide an API that will allow thread processes to be scheduled.	B	functional	---	---	Message Passing	04.09.03
CSS-22190	In deferred synchronous mode, the CSS Message Service shall provide an API that will allow a user to retrieve the results of the execution of a thread.	B	functional	---	---	Message Passing	04.09.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CSS-22200	The CSS Message Service shall provide an API that will supply the status of a thread process.	B	functional	---	---	Message Passing	04.09.03
CSS-22210	The CSS Message Service shall provide an API that will inform the user when a thread process has finished executing.	B	functional	---	---	Message Passing	04.09.03
CSS-24010	The CSS Lifecycle Service shall provide a generic instantiation capability that creates a new object for a client.	B	functional	---	---		04.09.03
CSS-24020	The CSS Lifecycle Service shall provide an API that accepts state initialization information.	B	functional	---	---		04.09.03
CSS-24030	The CSS Lifecycle Service shall provide an API that accepts resource preference information.	B	functional	---	---		04.09.03
CSS-24040	The CSS Lifecycle Service shall provide an API that returns an object invocation handle.	B	functional	---	---		04.09.03
CSS-24050	The CSS Lifecycle Service shall ensure that a server is available to service a user request.	B	functional	---	---		04.09.03
CSS-24060	The CSS Lifecycle Service shall act as an intermediary during the client server connection phase.	B	functional	---	---		04.09.03
CSS-25150	The CSS Time Service shall be interoperable with the time service provided within DCE environment	B	functional	---	---	(DCE feature)	04.09.03
CSS-25160	The CSS Time Service shall support remote time access	B	functional	---	---	(DCE 1.1 feature)	04.09.03
CSS-29000	The CSS Transaction Processing Service shall be object oriented.	B	functional	---	---	(Transaction Processing)	04.09.03
CSS-29010	The CSS Transaction Processing Service shall use the CSS Security services.	B	functional	---	---	(Transaction Processing)	04.09.03
CSS-29020	The CSS Transaction Processing Service shall support the management of OODCE-based servers.	B	functional	---	---	(Transaction Processing)	04.09.03
CSS-29030	The CSS Transaction Processing Service shall provide to the client and server the following features: a. Atomicity - All components of the transaction shall succeed or fail as a unit. b. Consistency - The actions performed by a transaction shall take data from one consistent state to another consistent state. c. Isolation - Transactions performed simultaneously shall not interfere with each other. d. Durability - The effect of committed transactions shall be permanent. Subsequent system failures shall not cause the unrecoverable loss of data.	B	functional	---	---	(Transaction Processing)	04.09.03
CSS-29040	The CSS Transaction Processing Service shall provide load balancing for OODCE-based servers.	B	functional	---	---	(Transaction Processing)	04.09.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CSS-29050	The CSS Transaction Processing Service shall provide for the integrity of data by means of component rollback in the event of system failure.	B	functional	---	---	(Transaction Processing)	04.09.03
CSS-29060	The CSS Transaction Processing Service shall provide client request queuing during data server unavailability.	B	functional	---	---	(Transaction Processing)	04.09.03
CSS-29070	The CSS Transaction Processing Service shall provide client request dequeuing of queued requests when data server has rebooted.	B	functional	---	---	(Transaction Processing)	04.09.03
CSS-29080	The CSS Transaction Processing Service shall provide the capability of recovering from multiple failures without loss of data.	B	functional	---	---	(Transaction Processing)	04.09.03
CSS-60330	The CSS File Access Service shall provide uninterrupted file access in the event of single failure of the server.	B	functional	---	---	supported by DFS	04.09.03
CSS-60340	The CSS File Access Service shall guarantee the accessed file to be in its most recent version.	B	functional	---	---	supported by DFS	04.09.03
CSS-60350	The CSS File Access Service shall provide capability to change directory (cd) on the remote host.	B	functional	---	---	None	04.09.03
CSS-61070	The CSS Electronic Mail Service shall support the Post Office Protocol (POP).	B	functional	---	---	The Post Office Protocol (POP) Version 3 is described in IETF RFC 1725.	04.09.03
CSS-61397	The CSS Electronic Mail Service shall provide on-line help functionality.	B	functional	---	---	X.400 features	04.09.03
CSS-62314	The CSS Bulletin Board Service shall allow the user to withdraw a message from bulletin board after posting.	B	functional	---	---	None	04.09.03
CSS-62317	The CSS Bulletin Board Service shall provide on-line help functionality.	B	functional	---	---	None	04.09.03
CSS-64000	The CSS Dial-Up Access Service shall provide remote Internet access.	B	functional	---	---	A terminal server is prefered. Modem pool is cheaper.	04.09.03
CSS-65000	The CSS Secure Web service shall support the Kerberos standard.	B	functional	---	---	Provided by DCE -Web	04.09.03
CSS-65010	The CSS Secure Web service shall support POSIX compliant Access Control List (ACL).	B	functional	---	---	Provided by DCE-Web POSIX version 1003.6/Draft Spec.	04.09.03
CSS-65020	The CSS Secure Web service shall support at a minimum the GET and POST HTTP methods.	B	functional	---	---	Provided by DCE -Web	04.09.03
CSS-65030	The CSS Secure Web service shall provide a registration interface for the user to register documents to the web server.	B	functional	---	---	Provided by DCE -Web	04.09.03
CSS-65040	Documents ACL on the web server shall be editable with any standard ACL editor.	B	functional	---	---	Provided by DCE -Web	04.09.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
·CSS-65050	The CSS Secure service Web shall use DCE RPC's that will allow the server to use DCE provided services.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65060	The CSS Secure Web service shall support the Data Encryption Standard (DES) to encrypt and decrypt data.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65070	The CSS Secure Web service shall support encryption of the HTTP protocol.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65080	The CSS Secure Web service shall support private keys.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65090	The CSS Secure Web service shall provide an interface for the administration of the web server.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65100	The CSS Secure Web service shall provide an API that will support the porting of existing applications to the DCE environment.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65110	The CSS Secure Web service shall support a two-way authentication and authorization for the use by the web server.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65120	The CSS Secure Web service shall authenticate and authorize DCE users using the web server.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65130	The CSS Secure Web service must provide HTML formatted error messages to the web browser.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65140	The CSS Secure Web service shall provide a mechanism for non- DCE browsers to view non- secured documents on the web server.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65150	The CSS Secure Web service shall provide a mechanism or DCE capable browser to view non- secured and secured documents on the web server.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65160	The CSS Secure Web service shall support the X.500 standard for naming and locating DCE cells.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65170	The CSS Secure Web service shall support the Domain Name Service specification.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65180	The CSS Secure Web service shall provide the capability to support encryption to keep data exchange between the browser and the server confidential.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65190	All requests from a client shall provide the web server with the individual user name.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65200	The CSS Secure Web service shall use DCE's ACLs to protect all documents on the web server.	B	functional	---	---	Provided by DCE -Web	04.09.03
·CSS-65210	The CSS Secure Web service shall use the Extended Generic Security Service API for message passing applications to use DCE security .	B	functional	---	---	DCE1.1	04.09.03
·CSS-65220	The CSS Secure Web service shall be based on the HTTP protocol for message passing.	B	functional	---	---	Provide by DCE	04.09.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CSS-65230	The CSS Secure Web service shall support the browser used by the Client subsystem.	B	functional	---	---	Provide by DCE	04.09.03
CSS-65240	The CSS Secure Web service shall provide attributes to the browser indicating documents with special security restrictions.	B	functional	---	---	Provide by DCE	04.09.03
ISS-02100	The ISS-INHW CI shall use physical devices and Medium Access Control protocols compatible with the following standards: a. IEEE 802.2 (Logical Link Control) b. IEEE 802.3 (MAC for Ethernet) c. IEEE 802.6 (MAC for SMDS) d. ANSI X3T9.5 (MAC for FDDI).	B	functional	---	---	Formerly C-HRD-32000	04.10.04
ISS-02110	The ISS-INHW CI physical components, and services shall have the capability to be monitored via SNMP agents.	B	functional	---	---	Formerly C-HRD-32010	04.10.04
ISS-02200	The ISS-INHW CI LAN Analysis Equipment shall provide protocol analysis through the transport layer for all ISS LAN protocols and interconnection protocols to MANs/WANs.	B	functional	---	---	Formerly C-HRD-34000	04.10.04
ISS-02210	The ISS-INHW CI LAN Analysis Equipment shall include a Communications line monitor.	B	functional	---	---	Formerly C-HRD-34010	04.10.04
ISS-02220	The ISS-INHW CI communications line monitor shall store and display up to 10,000 bytes of data sent and received over any of the communications lines at rates of 10Mbits/sec to 100Mbits/sec.	B	performance	---	---	Extracted from C-HRD-34010	04.10.04
ISS-02230	The ISS-INHW CI communications line monitor shall support the protocols used within and interconnecting the ECS.	B	functional	---	---	Extracted from C-HRD-34010	04.10.04
ISS-02240	The ISS-INHW CI LAN Analysis Equipment shall include Digital VOM/multimeters.	B	functional	---	---	Extracted from C-HRD-34010	04.10.04
ISS-02250	The ISS-INHW CI LAN Analysis Equipment shall include Local Area Network analyzers.	B	functional	---	---	Extracted from C-HRD-34010	04.10.04
ISS-02300	The ISS-INHW CI EOC LAN loop delay contribution shall not exceed more than 500 msec (goal 250 msec) seconds of the total ECS delay of 2.5 seconds for emergency real-time commands.	B	performance	---	---	Formerly C-HRD-36000	04.10.04
ISS-02310	The ISS-INHW CI EOC Operational LAN backbone shall be able to support a peak traffic rate of 24 Mbps.	B	performance	---	---	Formerly C-HRD-36010	04.10.04
ISS-02320	The ISS-INHW CI shall provide wide area bandwidth necessary to support data transfer in accordance with requirements specified in "Communications Requirements for the ECS Project", 194-220-SE3-001.	B	performance	---	---	Formerly C-HRD-36020	04.10.04
ISS-02330	The ISS-INHW CI shall provide sufficient local area network bandwidth at the LaRC DAAC to support data transfer between and among physical nodes provided by SDPS, MSS and CSS in accordance with the Release B network I/O sizing listed in Appendix A of the current version of 304-CD-005.	B	performance	---	---	Formerly C-HRD-36030	04.10.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
ISS-02340	The ISS-INHW CI shall provide sufficient local area network bandwidth at the MSFC DAAC to support data transfer between and among physical nodes provided by SDPS, MSS and CSS in accordance with the Release B network I/O sizing listed in Appendix A of the current version of 304-CD-005.	B	performance	---	---	Formerly C-HRD-36040	04.10.04
ISS-02350	The ISS-INHW CI shall provide sufficient local area network bandwidth at the GSFC DAAC to support data transfer between and among physical nodes provided by SDPS, MSS and CSS in accordance with the Release B network I/O sizing listed in Appendix A of the current version of 304-CD-005.	B	performance	---	---	Formerly C-HRD-36050	04.10.04
ISS-02360	The ISS-INHW CI shall provide sufficient local area network bandwidth at the EDC DAAC to support data transfer between and among physical nodes provided by SDPS, MSS and CSS in accordance with the Release B network sizing listed in Appendix A of the current version of 304-CD-005.	B	performance	---	---	Formerly C-HRD-36060	04.10.04
ISS-02370	The ISS-INHW CI shall reuse the existing V0 DAAC LAN at EDC for Release A.	B	performance	---	---	Formerly C-HRD-36065	04.10.04
ISS-02380	The ISS-INHW CI LANs at the GSFC, MSFC and LaRC DAAC sites shall be capable of supporting twice the R-A network traffic load estimates without redesign.	B	performance	---	---	Formerly C-HRD-36070	04.10.04
ISS-02390	The ISS-INHW CI LANs at the DAAC sites shall be designed in a manner that allows a. Nodes to be added to any given LAN segment. b. Additional LAN segments to be added to the LAN.	B	evolvable	---	---	Formerly C-HRD-36080	04.10.04
ISS-02400	The ISS-INHW CI EOC Operational LAN shall be able to support 230 network devices without redesign.	B	performance	---	---	Formerly C-HRD-36090	04.10.04
ISS-02410	The ISS-INHW CI EOC Operational LAN shall be able to support peak data rates of up to 48 Mbps without redesign.	B	performance	---	---	Formerly C-HRD-36100	04.10.04
ISS-02500	The ISS-INHW CI networks shall support the use of network and transport layer filtering to control access from internal and external interfaces.	B	security	---	---	Formerly C-HRD-37000	04.10.04
ISS-02600	The ISS-INHW CI DAAC LANs shall provide transparent portability across heterogeneous site LAN architectures.	B		---	---	Formerly C-HRD-39000	04.10.04
ISS-02610	The ISS-INHW CI DAAC LANs shall enable expansion to GByte networks including the ability to provide increased volume of data distribution and access.	B		---	---	Formerly C-HRD-39005	04.10.04
ISS-04102	The portion of the EDC DAAC LAN supporting the SDPS function of Data Acquisition Request (DAR) Submittal including TOOs shall contribute to the function's operational availability of 0.993 at a minimum and mean down time of two (2) hours or less during times of staffed operation.	B	RMA	---	---	Replaces C-ISS-04100	04.10.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
·ISS-11020	The ISS shall interface with NSI or an alternate Internet provider at GSFC, MSFC, LaRC, EDC, JPL, NSIDC, ORNL, and ASF to provide DAAC access to science users in accordance with the following documents: a. DID 220, "Communications Requirements for the ECS Project" 194-220-SE3-001 b. Interface Requirements Document between EOSDIS Core System (ECS) and the NASA Science Internet (NSI), 194-219-SE1-001	B	interface	---	---	Replaces C-ISS-01020	04.10.03
·ISS-11090	The ISS shall provide for local or metro area connectivity to V0 network nodes at the GSFC, LaRC, MSFC, JPL, ASF, and NSIDC DAAC sites in order to provide interoperability between ECS and V0.	B	functional	---	---	Replaces C-ISS-01090	04.10.03
·ISS-11170	The ISS shall provide for connectivity between the EOC and EBnet.	B	functional	---	---	Replaces C-ISS-01170	04.10.03
·ISS-11180	The ISS shall provide for connectivity between the EOC and NSI for EOC/IST communications.	B	functional	---	---	Replaces C-ISS-01180	04.10.03
·ISS-11195	The ISS shall provide for connectivity with EBnet at the following ECS sites: a. GSFC DAAC b. GSFC EOC c. GSFC SMC d. LaRC DAAC e. MSF DAAC f. JPL DAAC g.ASF DAAC h. NSIDC DAAC i. EDC DAAC	B	functional	---	---	Replaces C-ISS-01195	04.10.03
·ISS-11220	The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services at the GSFC DAAC.	B	functional	---	---	Replaces C-ISS-01220, 01255	04.10.03
·ISS-11230	The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services at the LaRC DAAC.	B	functional	---	---	Replaces C-ISS-01230, 01330, 01340	04.10.03
·ISS-11240	The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services at the EDC DAAC.	B	functional	---	---	Replaces C-ISS-01240	04.10.03
·ISS-11250	The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services at the MSFC DAAC.	B	functional	---	---	Replaces C-ISS-01250, 01310, 01320	04.10.03
·ISS-11260	The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services between components at the SMC.	B	functional	---	---	Replaces C-ISS-01260	04.10.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
·ISS-20000	The ISS shall provide LANs at the following Release B sites: a. GSFC DAAC; b. GSFC EOC; c. EDC DAAC; d. LaRC DAAC; e. MSFC DAAC; f. GSFC SMC; g. JPL DAAC; h. ASF DAAC; i. ORNL DAAC; j. NSIDC DAAC	B	functional	---	---	None	04.10.03
·ISS-20050	The ISS shall provide sufficient local area network bandwidth at the JPL DAAC to support data transfer between and among physical nodes provided in accordance with the Release B network I/O sizing listed in Appendix A of the current version of 304-CD-005.	B	performance	---	---	None	04.10.03
·ISS-20060	The ISS shall provide sufficient local area network bandwidth at the ASF DAAC to support data transfer between and among physical nodes in accordance with the Release B network I/O sizing listed in Appendix A of the current version of 304-CD-005.	B	performance	---	---	None	04.10.03
·ISS-20070	The ISS shall provide sufficient local area network bandwidth at the ORNL DAAC to support data transfer between and among physical nodes in accordance with the Release B network I/O sizing listed in Appendix A of the current version of 304-CD-005.	B	performance	---	---	None	04.10.03
·ISS-20080	The ISS shall provide sufficient local area network bandwidth at the NSIDC DAAC to support data transfer between and among physical nodes in accordance with the Release B network sizing listed in Appendix A of the current version of 304-CD-005.	B	performance	---	---	None	04.10.03
·ISS-20090	The ISS LANs at the Release B sites shall be capable of supporting twice the R-B network traffic load estimates without redesign.	B	performance	---	---	None	04.10.03
·ISS-20100	The ISS LANs shall be designed in a manner that allows a. Nodes to be added to any given LAN segment.; b. Additional LAN segments to be added to the LAN.	B	functional	---	---	None	04.10.03
·ISS-20110	The ISS shall provide for connectivity to the ASF campus network to enable transfer of data between the ASF DAAC and the ASF production and archival systems associated with ERS-1/2, JERS-1, and RADARSAT.	B	functional	---	---	None	04.10.03
·ISS-20120	The ISS shall provide for connectivity between the EOC and EBnet for AM-1 instrument flight operations.	B	functional	---	---	None	04.10.03
·ISS-20130	The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services at the JPL DAAC.	B	functional	---	---	None	04.10.03
·ISS-20140	The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services at the ASF DAAC.	B	functional	---	---	None	04.10.03
·ISS-20150	The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services at the ORNL DAAC.	B	functional	---	---	None	04.10.03
·ISS-20160	The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services at the NSIDC DAAC.	B	functional	---	---	None	04.10.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
ISS-20170	The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services at the GSFC EOC.	B	functional	---	---	None	04.10.03
ISS-20180	The ISS shall receive diagnostic test requests from the MSS.	B	interface	MSS	ISS	None	04.10.03
ISS-20190	The ISS-INHW CI shall contribute to the response time and performance requirements specified in Appendix E (Section E.7 Table E-8) of the current version of 304-CD-005.	B	performance				04.10.04
ISS-20200	The ISS shall send diagnostic test requests to the MSS.	B	interface	ISS	MSS	None	04.10.03
ISS-21010	The ISS-INHW CI shall provide LANs at the following sites: a. GSFC DAAC LAN b. GSFC EOC LAN c. EDC DAAC LAN d. LaRC DAAC LAN e. MSFC DAAC LAN f. GSFC SMC LAN	B	functional	---	---	Formerly C-HRD-31000	04.10.04
MSS-00500	The MSS shall have the capability to send EOS Long Term Science Plans to ASTER GDS.	B	interface	MSS	ASTER GDS	none	04.11.03
MSS-00510	The MSS shall have the capability to send EOS Long Term Instrument Plans to ASTER GDS.	B	interface	MSS	ASTER GDS	none	04.11.03
MSS-00520	The MSS shall have the capability to send schedule adjudication data to ASTER GDS.	B	interface	MSS	ASTER GDS	none	04.11.03
MSS-00530	The MSS shall have the capability to receive schedule adjudication data from ASTER GDS.	B	interface	ASTER GDS	MSS	none	04.11.03
MSS-00540	To the maximum extent, the MSS Human Machine Interface (HMI) shall be compatible with the ECS User Interface Style Guide (Version 5.1).	B	standards	---	---		04.11.03
MSS-02000	The MSS-MHW CI Enterprise Monitoring Server shall be physically and functionally identical to the Enterprise Communications Server in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-11000	04.11.06
MSS-02010	The MSS-MHW CI Enterprise Monitoring Server shall share data with the Local System Management Server in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-11005	04.11.06
MSS-02020	The MSS-MHW CI Enterprise Monitoring Server shall preserve DAAC autonomy of operations.	B	functional	---	---	Formerly C-HRD-11010	04.11.06
MSS-02030	The MSS-MHW CI Enterprise Monitoring Server shall host the MSS software configuration items to create, with the Enterprise Communications Server and Management Workstations, an enterprise monitoring and coordination center for the ECS.	B	functional	---	---	Formerly C-HRD-11015	04.11.06
MSS-02100	The MSS-MHW CI Enterprise Monitoring Server processor shall include a dedicated terminal to be used as a local systems operations console.	B	functional	---	---	Formerly C-HRD-11100	04.11.06
MSS-02110	The MSS-MHW CI Enterprise Monitoring Server processor shall be capable of expansion with additional quantities and types of peripherals.	B	functional	---	---	Formerly C-HRD-11105	04.11.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-02120	The MSS-MHW CI Enterprise Monitoring Server processor shall be upgradeable/replaceable within the same product family without major software modification or replacement of any peripheral or attached component.	B	functional	---	---	Formerly C-HRD-11110	04.11.06
MSS-02130	The MSS-MHW CI Enterprise Monitoring Server processor shall have the capability to support a POSIX compliant IEEE 1003.1 operating system (UNIX).	B	functional	---	---	Formerly C-HRD-11115	04.11.06
MSS-02140	The MSS-MHW CI Enterprise Monitoring Server processor terminal shall be compatible with the Management Workstation display device.	B	functional	---	---	Formerly C-HRD-11120	04.11.06
MSS-02200	The MSS-MHW CI Enterprise Monitoring Server data storage shall be compatible with POSIX compliant operating systems from several vendors.	B	functional	---	---	Formerly C-HRD-11300	04.11.06
MSS-02210	The MSS-MHW CI Enterprise Monitoring Server data storage shall be compatible with the Local System Management Server short-term data storage.	B	functional	---	---	Formerly C-HRD-11310	04.11.06
MSS-02220	The MSS-MHW CI Enterprise Monitoring Server data storage shall support RAID level-5: striping with interleaved parity.	B	functional	---	---	Formerly C-HRD-11315	04.11.06
MSS-02230	The MSS-MHW CI Enterprise Monitoring Server data storage shall have the following hot swappable components: a. Disks b. Power Supplies c. Fans d. Disk-array controllers	B	functional	---	---	Formerly C-HRD-11320	04.11.06
MSS-02240	The MSS-MHW CI Enterprise Monitoring Server data storage shall be cross-strapped with the Enterprise Communications Server data storage in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-11325	04.11.06
MSS-02250	The MSS-MHW CI Enterprise Monitoring Server data storage shall be capable of archiving data to the ECS data server archive for data archive.	B	functional	---	---	Formerly C-HRD-11335	04.11.06
MSS-02260	The MSS-MHW CI Enterprise Monitoring Server data archive shall adhere to ECS data server archival requirements for data storage and retrieval.	B	functional	---	---	Formerly C-HRD-11345	04.11.06
MSS-02300	The MSS-MHW CI Enterprise Monitoring Server peripheral disk drives shall be capable of retrieving data stored from both the enterprise monitoring server data storage and data archive.	B	functional	---	---	Formerly C-HRD-11505	04.11.06
MSS-02400	The MSS-MHW CI Enterprise Monitoring Server peripherals shall support at least one tape drive.	B	functional	---	---	Formerly C-HRD-11530	04.11.06
MSS-02410	The MSS-MHW CI Enterprise Monitoring Server peripheral tape drive shall have the following characteristics: a. 4mm Digital Audio Tape format b. Accept industry standard magnetic 4mm DAT (i.e. DDS-90)	B	functional	---	---	Formerly C-HRD-11535	04.11.06
MSS-02420	The MSS-MHW CI Enterprise Monitoring Server peripherals shall support at least one tape drive.	B	performance	---	---	Extracted from C-HRD-11535	04.11.06
MSS-02430	The MSS-MHW CI Enterprise Monitoring Server tape drives shall be upgradeable/replaceable within the same product family.	B	functional	---	---	Formerly C-HRD-11540	04.11.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-02500	The MSS-MHW CI Enterprise Monitoring Server peripherals shall support at least one CD-ROM drive.	B	functional	---	---	Formerly C-HRD-11565	04.11.06
MSS-02510	The MSS-MHW CI Enterprise Monitoring Server peripheral CD-ROM drive shall have the following characteristic: a. Accept 600MB Compact Disk	B	functional	---	---	Formerly C-HRD-11570	04.11.06
MSS-02520	The MSS-MHW CI Enterprise Monitoring Server peripheral CD-ROM drives shall be upgradeable/replaceable within the same product family.	B	functional	---	---	Formerly C-HRD-11575	04.11.06
MSS-02600	The MSS-MHW CI Local Management Server shall be physically and functionally identical to the Local Communications Server in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-12000	04.11.06
MSS-02610	The MSS-MHW CI Local Management Server shall share data with the Enterprise Monitoring Server in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-12005	04.11.06
MSS-02620	The MSS-MHW CI Local Management Server shall manage only the local DAAC and preserve other DAAC autonomy of operations.	B	functional	---	---	Formerly C-HRD-12010	04.11.06
MSS-02630	The MSS-MHW CI Local Management Server shall host the MSS software configuration items to create, with the Local Communications Server and Management Workstations, a local system management center for each ECS DAAC.	B	functional	---	---	Formerly C-HRD-12015	04.11.06
MSS-02700	The MSS-MHW CI Local Management Server processor shall include a dedicated terminal to be used as a local systems operations console.	B	functional	---	---	Formerly C-HRD-12100	04.11.06
MSS-02710	The MSS-MHW CI Local Management Server processor shall be capable of expansion with additional quantities and types of peripherals.	B	functional	---	---	Formerly C-HRD-12105	04.11.06
MSS-02720	The MSS-MHW CI Local Management Server processor shall be upgradeable/replaceable within the same product family without major software modification or replacement of any peripheral or attached component.	B	functional	---	---	Formerly C-HRD-12110	04.11.06
MSS-02730	The MSS-MHW CI Local Management Server processor shall have the capability to support a POSIX compliant IEEE 1003.1 operating system (UNIX).	B	functional	---	---	Formerly C-HRD-12115	04.11.06
MSS-02740	The MSS-MHW CI Local Management Server processor terminal shall be compatible with the Management Workstation display device.	B	functional	---	---	Formerly C-HRD-12120	04.11.06
MSS-02800	The MSS-MHW CI Local Management Server data storage shall be compatible with POSIX compliant operating systems from several vendors.	B	functional	---	---	Formerly C-HRD-12300	04.11.06
MSS-02810	The MSS-MHW CI Local Management Server data storage shall be compatible with the Enterprise Monitoring Server intermediate-term data storage.	B	functional	---	---	Formerly C-HRD-12310	04.11.06
MSS-02820	The MSS-MHW CI Local Management Server data storage shall support RAID level-5: striping with interleaved parity.	B	functional	---	---	Formerly C-HRD-12315	04.11.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-02830	The MSS-MHW CI Local Management Server data storage shall have the following hot swappable components: a. Disks b. Power Supplies c. Fans d. Disk-array controllers	B	functional	---	---	Formerly C-HRD-12320	04.11.06
MSS-02840	The MSS-MHW CI Local Management Server data storage shall be cross-strapped with the Local Communications Server short-term data storage in supporting the CSMS requirements.	B	functional	---	---	Formerly C-HRD-12325	04.11.06
MSS-02850	The MSS-MHW CI Local Management Server data storage shall be capable of archiving data to the ECS Data Server archive for data archive.	B	functional	---	---	Formerly C-HRD-12335	04.11.06
MSS-02860	The MSS-MHW CI Local Management Server data archive shall adhere to ECS Data Server archival requirements for data storage and retrieval.	B	functional	---	---	Formerly C-HRD-12345	04.11.06
MSS-02900	The MSS-MHW CI Local Management Server peripheral disk drives shall be capable of retrieving data stored from both the Local Management server data storage data archive.	B	functional	---	---	Formerly C-HRD-12505	04.11.06
MSS-03000	The MSS-MHW CI Local Management Server peripherals shall support at least one tape drive.	B	functional	---	---		04.11.06
MSS-03010	The MSS-MHW CI Local Management Server peripheral tape drive shall have the following characteristics: a. 4mm Digital Audio Tape format b. Accept industry standard magnetic 4mm DAT (i.e. DDS-90)	B	functional	---	---	Formerly C-HRD-12535	04.11.06
MSS-03020	The MSS-MHW CI Local Management Server peripheral tape drive shall have a data transfer rate of 200KB/sec.	B	performance	---	---	Extracted from C-HRD-12535	04.11.06
MSS-03030	The MSS-MHW CI Local Management Server tape drives shall be upgradeable/replaceable within the same product family.	B	functional	---	---	Formerly C-HRD-12540	04.11.06
MSS-03100	The MSS-MHW CI Local Management Server peripherals shall support at least one CD-ROM drive.	B	functional	---	---	Formerly C-HRD-12565	04.11.06
MSS-03110	The MSS-MHW CI Local Management Server peripheral CD-ROM drive shall have the following characteristic: a. Accept 600MB Compact Disk	B	functional	---	---	Formerly C-HRD-12570	04.11.06
MSS-03120	The MSS-MHW CI Local Management Server peripheral CD-ROM drives shall be upgradeable/replaceable within the same product family.	B	functional	---	---	Formerly C-HRD-12575	04.11.06
MSS-03200	All MSS-MHW CI Management Workstations and processors shall be capable of operating simultaneously and independently of other workstations and management/communications servers.	B	functional	---	---	Formerly C-HRD-13000	04.11.06
MSS-03300	At a minimum, each MSS-MHW CI processor shall have the capability to support a POSIX compliant IEEE 1003.1 operating system (UNIX).	B	functional	---	---	Formerly C-HRD-13100	04.11.06
MSS-03310	Each MSS-MHW CI Management Workstation shall provide one QWERTY keyboard.	B	functional	---	---	Formerly C-HRD-13105	04.11.06
MSS-03320	Each Management Workstation keyboard shall be detachable and cabled for movement on a desk-top style workstation area.	B	functional	---	---	Extracted from C-HRD-13105	04.11.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-03330	Each Management Workstation keyboard shall provide a minimum of 12 programmable function keys.	B	functional	---	---	Extracted from C-HRD-13105	04.11.06
MSS-03340	Each MSS-MHW CI Management Workstation shall provide one color text and graphics display device.	B	functional	---	---	Formerly C-HRD-13110	04.11.06
MSS-03350	The MSS-MHW CI display driver device shall display the complete ASCII character set.	B	performance	---	---	Extracted from C-HRD-13110	04.11.06
MSS-03360	The MSS-MHW CI display driver device shall provide a minimum of 1024 pixel x 864 lines resolution display.	B	performance	---	---	Extracted from C-HRD-13110	04.11.06
MSS-03370	The MSS-MHW CI display driver device shall display a minimum of 16 colors.	B	performance	---	---	Extracted from C-HRD-13110	04.11.06
MSS-03380	The MSS-MHW CI display driver device shall display pages 24 lines by 80 characters wide.	B	performance	---	---	Extracted from C-HRD-13110	04.11.06
MSS-03390	The MSS-MHW CI display driver device shall display a minimum of four screen display pages.	B	performance	---	---	Extracted from C-HRD-13110	04.11.06
MSS-03400	The MSS-MHW CI display driver device shall display pages readable from any location along the width of the workstation and up to a distance of 6 feet from the screen.	B	performance	---	---	Extracted from C-HRD-13110	04.11.06
MSS-03410	The MSS-MHW CI display driver device shall provide a minimum of 19 inches diagonal non-glare screen.	B	performance	---	---	Extracted from C-HRD-13110	04.11.06
MSS-03420	The MSS-MHW CI display driver device shall provide RGB video output for hard copy.	B	performance	---	---	Extracted from C-HRD-13110	04.11.06
MSS-03430	The MSS-MHW CI display driver device shall provide feature an integral swivel/tilt base.	B	performance	---	---	Extracted from C-HRD-13110	04.11.06
MSS-03440	The MSS-MHW CI display driver device shall provide brightness, contrast and power controls within easy reach.	B	performance	---	---	Extracted from C-HRD-13110	04.11.06
MSS-03450	The MSS-MHW CI display driver device shall display the complete ASCII character set.	B	performance	---	---	Extracted from C-HRD-13110	04.11.06
MSS-03460	The MSS-MHW CI Management Workstation shall provide one cursor pointing device (mouse).	B	functional	---	---	Formerly C-HRD-13115	04.11.06
MSS-03470	The MSS-MHW CI Management Workstation shall be upgradeable/replaceable within the same product family.	B	functional	---	---	Formerly C-HRD-13120	04.11.06
MSS-03500	The MSS-MHW CI Management Workstation data storage shall be capable of retrieving data from the data storage function of both the Enterprise Monitoring Server and the Local Management Server.	B	functional	---	---	Formerly C-HRD-13300	04.11.06
MSS-03600	All MSS-MHW CI Management Workstation disk drives serving a specific function (e.g. local management, enterprise monitoring) shall be identical and will have equal capacity.	B	functional	---	---	Formerly C-HRD-13505	04.11.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-03700	Each MSS-MHW CI Printer shall be physically and functionally identical in supporting the CSMS printing requirements.	B	functional	---	---	Formerly C-HRD-13909	04.11.06
MSS-03800	The MSS-MHW CI Enterprise Monitoring Server shall be capable of 100 percent growth in the processing speed specified in Appendix A of the current version of 304-CD-005 without modifications or upgrades to software.	B	performance	---	---	Formerly C-HRD-16000	04.11.06
MSS-03810	The MSS-MHW CI Enterprise Monitoring Server shall be capable of 100 percent growth in the storage capacity specified in Appendix A of the current version of 304-CD-005 without modifications or upgrades to software.	B	performance	---	---	Formerly C-HRD-16005	04.11.06
MSS-03820	The MSS-MHW CI Local Management Server shall be capable of 100 percent growth in the processing speed specified in Appendix A of the current version of 304-CD-005 without modifications or upgrades to software.	B	performance	---	---	Formerly C-HRD-16010	04.11.06
MSS-03830	The MSS-MHW CI Local Management Server shall be capable of 100 percent growth in the storage capacity specified in Appendix A of the current version of 304-CD-005 without modifications or upgrades to software.	B	performance	---	---	Formerly C-HRD-16015	04.11.06
MSS-03840	The MSS-MHW CI Enterprise Monitoring Server shall be capable of meeting the capacity and performance characteristics of Appendix A of the current version of 304-CD-005.	B	performance	---	---	Formerly C-HRD-16020	04.11.06
MSS-03850	The MSS-MHW CI Local Management Server shall be capable of meeting the capacity and performance characteristics of Appendix A of the current version of 304-CD-005 for all DAAC configurations.	B	performance	---	---	Formerly C-HRD-16025	04.11.06
MSS-03860	The MSS-MHW CI Management Workstation shall be capable of meeting the capacity and performance characteristics of Appendix A of the current version of 304-CD-005.	B	performance	---	---	Formerly C-HRD-16030	04.11.06
MSS-03900	The MSS-MHW CI hardware selection criteria shall meet overall ECS security policies and system requirements.	B	security	---	---	Formerly C-HRD-17000	04.11.06
MSS-04000	The MSS-MHW CI Enterprise Monitoring Server shall maintain one backup of all software and key data items in a separate physical location.	B	security	---	---	Formerly C-HRD-18000	04.11.06
MSS-04010	The MSS-MHW CI Local Management Server shall maintain one backup of all software and key data items in a separate physical location.	B	functional	---	---	Formerly C-HRD-18005	04.11.06
MSS-04020	The MSS-MHW CI functional string between the Enterprise Monitoring Server and the Local Management Server shall provide a function Ao (operational availability) of 0.998 and an MDT of 20 minutes.	B	performance	---	---	Formerly C-HRD-18010	04.11.06
MSS-04030	The MSS-MHW CI functional string between the Local Management Server and ECS managed objects shall provide a function Ao of 0.998 and an MDT of 20 minutes.	B	performance	---	---	Formerly C-HRD-18015	04.11.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-05200	The GSFC LSM shall provide a MSS-MHW CI Local Management Server.	B	functional	---	---	Formerly C-HRD-42000	04.11.06
MSS-05210	The GSFC LSM MSS-MHW CI Local Management Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---	Extracted from C-HRD-42000	04.11.06
MSS-05220	The GSFC LSM shall provide a MSS-MHW CI Local Communications Server.	B	functional	---	---	Formerly C-HRD-42005	04.11.06
MSS-05230	The GSFC LSM MSS-MHW CI Local Communications Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---	Extracted from C-HRD-42005	04.11.06
MSS-05240	The GSFC LSM MSS-MHW CI Local Communications Server shall provide storage that is cross-strapped with the Local Management Server.	B	functional	---	---	Extracted from C-HRD-42005	04.11.06
MSS-05250	The GSFC LSM shall provide one MSS-MHW CI Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.	B	functional	---	---	Formerly C-HRD-42010	04.11.06
MSS-05260	The GSFC LSM shall provide two (2) MSS-MHW CI Management Workstations, which can perform any GSFC LSM function.	B	functional	---	---	Formerly C-HRD-42015	04.11.06
MSS-05270	The GSFC LSM shall provide a MSS-MHW CI system printer.	B	functional	---	---	Formerly C-HRD-42020	04.11.06
MSS-05280	The GSFC LSM shall provide a MSS-MHW CI dot-matrix printer.	B	functional	---	---	Extracted from C-HRD-42020	04.11.06
MSS-05290	The GSFC infrastructure shall provide a GSFC MSS-MHW CI LAN.	B	functional	---	---	Formerly C-HRD-42500	04.11.06
MSS-05300	The GSFC EMC shall provide an MSS-MHW CI enterprise monitoring server, enterprise communications server, four (4) Management Workstations, one (1) printer, and bulletin board server transferred from the IR-1 EDF.	B	functional	---	---	Formerly C-HRD-42700	04.11.06
MSS-05310	The GSFC EMC shall provide, via the ECS data server, MSS-MHW CI Enterprise Monitoring Server long-term data storage capability.	B	functional	---	---	Formerly C-HRD-42705	04.11.06
MSS-05320	The GSFC EMC shall provide a MSS-MHW CI dot-matrix printer.	B	functional	---	---	Extracted from C-HRD-42705	04.11.06
MSS-05400	The EOC LSM shall provide a MSS-MHW CI Local Management Server.	B	functional	---	---	Formerly C-HRD-43000	04.11.06
MSS-05410	The EOC LSM MSS-MHW CI Local Management Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---	Extracted from C-HRD-43000	04.11.06
MSS-05420	The EOC LSM MSS-MHW CI Local Management Servershall provide storage that is cross-strapped with the Local Communications Server.	B	functional	---	---	Extracted from C-HRD-43000	04.11.06
MSS-05430	The EOC LSM shall provide a MSS-MHW CI Local Communications Server.	B	functional	---	---	Formerly C-HRD-43005	04.11.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-05440	The EOC LSM MSS-MHW CI Local Communications Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---	Extracted from C-HRD-43005	04.11.06
MSS-05450	The EOC LSM MSS-MHW CI Local Communications Server shall provide storage that is cross-strapped with the Local Management Server.	B	functional	---	---	Extracted from C-HRD-43005	04.11.06
MSS-05460	The EOC LSM shall provide one MSS-MHW CI Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.	B	functional	---	---	Formerly C-HRD-43010	04.11.06
MSS-05470	The EOC LSM shall provide two (2) MSS-MHW CI Management Workstations, which can perform any EOC LSM function.	B	functional	---	---	Formerly C-HRD-43015	04.11.06
MSS-05480	The EOC LSM shall provide a MSS-MHW CI system printer.	B	functional	---	---	Formerly C-HRD-43020	04.11.06
MSS-05490	The EOC LSM shall provide a MSS-MHW CI dot-matrix printer.	B	functional	---	---	Extracted from C-HRD-43020	04.11.06
MSS-05500	The EOC infrastructure shall provide one EOC MSS-MHW CI LAN.	B	functional	---	---	Formerly C-HRD-43500	04.11.06
MSS-05600	The MSFC LSM shall provide a MSS-MHW CI Local Management Server.	B	functional	---	---	Formerly C-HRD-44000	04.11.06
MSS-05610	The MSFC LSM MSS-MHW CI Local Management Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---	Extracted from C-HRD-44000	04.11.06
MSS-05620	The MSFC LSM shall provide a MSS-MHW CI Local Communications Server.	B	functional	---	---	Formerly C-HRD-44005	04.11.06
MSS-05630	The MSFC LSM MSS-MHW CI Local Communications Servershall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---	Extracted from C-HRD-44005	04.11.06
MSS-05640	The MSFC LSM MSS-MHW CI Local Communications Servershall provide storage that is cross-strapped with the Local Management Server.	B	functional	---	---	Extracted from C-HRD-44005	04.11.06
MSS-05650	The MSFC LSM shall provide a MSS-MHW CI Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.	B	functional	---	---	Formerly C-HRD-44010	04.11.06
MSS-05660	The MSFC LSM shall provide two (2) MSS-MHW CI Management Workstations, which can perform any MSFC LSM function.	B	functional	---	---	Formerly C-HRD-44015	04.11.06
MSS-05670	The MSFC LSM shall provide a MSS-MHW CI system printer.	B	functional	---	---	Formerly C-HRD-44020	04.11.06
MSS-05680	The MSFC LSM shall provide a MSS-MHW CI dot-matrix printer.	B	functional	---	---	Extracted from C-HRD-44020	04.11.06
MSS-05690	The MSFC infrastructure shall provide one MSFC MSS-MHW CI LAN.	B	functional	---	---	Formerly C-HRD-44500	04.11.06
MSS-05800	The LaRC LSM shall provide a MSS-MHW CI Local Management Server.	B	functional	---	---	Formerly C-HRD-45000	04.11.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-05810	The LaRC LSM MSS-MHW CI Local Management Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---	Extracted from C-HRD-45000	04.11.06
MSS-05820	The LaRC LSM shall provide a MSS-MHW CI Local Communications Server.	B	functional	---	---	Formerly C-HRD-45005	04.11.06
MSS-05830	The LaRC LSM MSS-MHW CI Local Communications Servershall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---	Extracted from C-HRD-45005	04.11.06
MSS-05840	The LaRC LSM MSS-MHW CI Local Communications Server shall provide storage that is cross-strapped with the Local Management Server.	B	functional	---	---	Extracted from C-HRD-45005	04.11.06
MSS-05850	The LaRC LSM shall provide one MSS-MHW CI Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.	B	functional	---	---	Formerly C-HRD-45010	04.11.06
MSS-05860	The LaRC LSM shall provide two (2) MSS-MHW CI Management Workstations, which can perform any LaRC LSM function.	B	functional	---	---	Formerly C-HRD-45015	04.11.06
MSS-05870	The LaRC LSM shall provide 1 MSS-MHW CI system printer.	B	functional	---	---	Formerly C-HRD-45020	04.11.06
MSS-05880	The LaRC LSM shall provide a MSS-MHW CI dot-matrix printer.	B	functional	---	---	Formerly C-HRD-45500	04.11.06
MSS-05890	The LaRC infrastructure shall provide a LaRC MSS-MHW CI LAN.	B	functional	---	---	Extracted from C-HRD-45500	04.11.06
MSS-06000	The EDC LSM shall provide a MSS-MHW CI Local Management Server.	B	functional	---	---	Formerly C-HRD-46000	04.11.06
MSS-06010	The EDC LSM MSS-MHW CI Local Management Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---	Extracted from C-HRD-46000	04.11.06
MSS-06020	The EDC LSM shall provide a MSS-MHW CI Local Communications Server.	B	functional	---	---	Formerly C-HRD-46005	04.11.06
MSS-06030	The EDC LSM MSS-MHW CI Local Communications Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---	Extracted from C-HRD-46005	04.11.06
MSS-06040	The EDC LSM MSS-MHW CI Local Communications Server shall provide storage that is cross-strapped with the Local Management Server.	B	functional	---	---	Extracted from C-HRD-46005	04.11.06
MSS-06050	The EDC LSM shall provide a MSS-MHW CI Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.	B	functional	---	---	Formerly C-HRD-46010	04.11.06
MSS-06060	The EDC LSM shall provide two (2) MSS-MHW CI Management Workstations, which can perform any EDC LSM function.	B	functional	---	---	Formerly C-HRD-46015	04.11.06
MSS-06070	The EDC LSM shall provide a MSS-MHW CI system printer.	B	functional	---	---	Formerly C-HRD-46020	04.11.06
MSS-06080	The EDC LSM shall provide a MSS-MHW CI system printer.	B	functional	---	---	Extracted from C-HRD-46020	04.11.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-06090	The EDC infrastructure shall provide an EDC MSS-MHW CI LAN.	B	functional	---	---	Formerly C-HRD-46500	04.11.06
MSS-06200	The JPL LSM shall provide a MSS-MHW CI Local Management Server.	B	functional	---	---		04.11.06
MSS-06210	The JPL LSM MSS-MHW CI Local Management Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---		04.11.06
MSS-06220	The JPL LSM shall provide a MSS-MHW CI Local Communications Server.	B	functional	---	---		04.11.06
MSS-06230	The JPL LSM MSS-MHW CI Local Communications Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---		04.11.06
MSS-06240	The JPL LSM MSS-MHW CI Local Communications Server shall provide storage that is cross-strapped with the Local Management Server.	B	functional	---	---		04.11.06
MSS-06250	The JPL LSM shall provide a MSS-MHW CI Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.	B	functional	---	---		04.11.06
MSS-06260	The JPL LSM shall provide two (2) MSS-MHW CI Management Workstations, which can perform any EOC LSM function.	B	functional	---	---		04.11.06
MSS-06270	The JPL LSM shall provide a MSS-MHW CI system printer.	B	functional	---	---		04.11.06
MSS-06280	The JPL LSM shall provide a MSS-MHW CI dot-matrix printer.	B	functional	---	---		04.11.06
MSS-06290	The JPL infrastructure shall provide a JPL MSS-MHW CI LAN.	B	interface	---	---		04.11.06
MSS-06400	The SMC LSM shall provide a MSS-MHW CI Local Management Server.	B	functional	---	---		04.11.06
MSS-06410	The SMC LSM MSS-MHW CI Local Management Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---		04.11.06
MSS-06420	The SMC LSM shall provide a MSS-MHW CI Local Communications Server.	B	functional	---	---		04.11.06
MSS-06430	The SMC LSM MSS-MHW CI Local Communications Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---		04.11.06
MSS-06440	The SMC LSM MSS-MHW CI Local Communications Server shall provide storage that is cross-strapped with the Local Management Server.	B	functional	---	---		04.11.06
MSS-06450	The SMC LSM shall provide a MSS-MHW CI Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.	B	functional	---	---		04.11.06
MSS-06460	The SMC LSM shall provide two (2) MSS-MHW CI Management Workstations, which can perform any EOC LSM function.	B	functional	---	---		04.11.06
MSS-06470	The SMC LSM shall provide a MSS-MHW CI system printer.	B	functional	---	---		04.11.06
MSS-06480	The SMC LSM shall provide a MSS-MHW CI dot-matrix printer.	B	functional	---	---		04.11.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-06490	The SMC EMC shall provide an MSS-MHW CI enterprise monitoring server, enterprise communications server, accounting and billing server, four (4) Management Workstations, printer, dot-matrix printer, and bulletin board server.	B	functional	---	---		04.11.06
MSS-06500	The SMC EMC shall provide, via the ECS data server, a MSS-MHW CI Enterprise Monitoring Server long-term data storage capability.	B	functional	---	---		04.11.06
MSS-06510	The SMC EMC shall provide, via the ECS data server, an MSS-MHW CI accounting and billing server long-term data storage capability.	B	functional	---	---		04.11.06
MSS-06600	The NSIDC LSM shall provide a MSS-MHW CI Local Management Server.	B	functional	---	---		04.11.06
MSS-06610	The NSIDC LSM MSS-MHW CI Local Management Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---		04.11.06
MSS-06620	The NSIDC LSM shall provide a MSS-MHW CI Local Communications Server.	B	functional	---	---		04.11.06
MSS-06630	The NSIDC LSM MSS-MHW CI Local Communications Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---		04.11.06
MSS-06640	The NSIDC LSM MSS-MHW CI Local Communications Server shall provide storage that is cross-strapped with the Local Management Server.	B	functional	---	---		04.11.06
MSS-06650	The NSIDC LSM shall provide one MSS-MHW CI local management and local communications server.	B	functional	---	---		04.11.06
MSS-06660	The NSIDC LSM shall provide two (2) MSS-MHW CI Management Workstations, which can perform any EOC LSM function.	B	functional	---	---		04.11.06
MSS-06670	The NSIDC LSM shall provide a MSS-MHW CI system printer.	B	functional	---	---		04.11.06
MSS-06680	The NSIDC LSM shall provide a MSS-MHW CI dot-matrix printer.	B	functional	---	---		04.11.06
MSS-06690	The NSIDC infrastructure shall provide a NSIDC MSS-MHW CI LAN.	B	interface	---	---		04.11.06
MSS-06800	The UAF LSM shall provide a MSS-MHW CI Local Management Server.	B	functional	---	---		04.11.06
MSS-06810	The UAF LSM MSS-MHW CI Local Management Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---		04.11.06
MSS-06820	The UAF LSM shall provide a MSS-MHW CI Local Communications Server.	B	functional	---	---		04.11.06
MSS-06830	The UAF LSM MSS-MHW CI Local Communications Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---		04.11.06
MSS-06840	The UAF LSM MSS-MHW CI Local Communications Server shall provide storage that is cross-strapped with the Local Management Server.	B	functional	---	---		04.11.06
MSS-06850	The UAF LSM shall provide a MSS-MHW CI Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.	B	functional	---	---		04.11.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-06860	The UAF LSM shall provide two (2) MSS-MHW CI Management Workstations, which can perform any EOC LSM function.	B	functional	---	---		04.11.06
MSS-06870	The UAF LSM shall provide a MSS-MHW CI system printer.	B	functional	---	---		04.11.06
MSS-06880	The UAF LSM shall provide a MSS-MHW CI dot-matrix printer.	B	functional	---	---		04.11.06
MSS-06890	The UAF infrastructure shall provide a UAF MSS-MHW CI LAN.	B	interface	---	---		04.11.06
MSS-07000	The ORNL LSM shall provide a MSS-MHW CI Local Management Server.	B	functional	---	---		04.11.06
MSS-07010	The ORNL LSM MSS-MHW CI Local Management Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---		04.11.06
MSS-07020	The ORNL LSM shall provide a MSS-MHW CI Local Communications Server.	B	functional	---	---		04.11.06
MSS-07030	The ORNL LSM MSS-MHW CI Local Communications Server shall be configured with fixed disk, tape drive, and CD-ROM drive storage devices.	B	functional	---	---		04.11.06
MSS-07040	The ORNL LSM MSS-MHW CI Local Communications Server shall provide storage that is cross-strapped with the Local Management Server.	B	functional	---	---		04.11.06
MSS-07050	The ORNL LSM shall provide a MSS-MHW CI Data Storage Unit supporting RAID level 5 cross strapped between the local management and local communications servers.	B	functional	---	---		04.11.06
MSS-07060	The ORNL LSM shall provide two (2) MSS-MHW CI Management Workstations, which can perform any EOC LSM function.	B	functional	---	---		04.11.06
MSS-07070	The ORNL LSM shall provide a MSS-MHW CI system printer.	B	functional	---	---		04.11.06
MSS-07080	The ORNL LSM shall provide a MSS-MHW CI dot-matrix printer.	B	functional	---	---		04.11.06
MSS-07090	The ORNL infrastructure shall provide an ORNL MSS-MHW CI LAN.	B	interface	---	---		04.11.06
MSS-18360	The MSS Management Data Access Service shall provide the capability for the M&O staff to load log files into the management database at the site.	B	functional	---	---	none	04.11.03
MSS-36215	The Management Agent Service shall have the capability to receive event notification from the CLS.	B	interface	CLS	MSS	none	04.11.04
MSS-36300	The Management Agent Service shall have the capability to receive processing status from the IOS.	B	interface	IOS	MSS	none	04.11.04
MSS-36305	The Management Agent Service shall have the capability to receive current mode from the IOS.	B	interface	IOS	MSS	none	04.11.04
MSS-36310	The Management Agent Service shall have the capability to receive detected hardware and software fault information from the IOS.	B	interface	IOS	MSS	none	04.11.04
MSS-36320	The Management Agent Service shall have the capability to receive event notification from the IOS.	B	interface	IOS	MSS	none	04.11.04
MSS-36325	The Management Agent Service shall have the capability to receive resource utilization data from the IOS.	B	interface	IOS	MSS	none	04.11.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-36330	The Management Agent Service shall have the capability to send life cycle commands to the IOS.	B	interface	MSS	IOS	none	04.11.04
MSS-36335	The Management Agent Service shall have the capability to send mode requests to the IOS.	B	interface	MSS	IOS	none	04.11.04
MSS-36350	The Management Agent Service shall have the capability to receive processing status from the DMS.	B	interface	DMS	MSS	none	04.11.04
MSS-36355	The Management Agent Service shall have the capability to receive current mode from the DMS.	B	interface	DMS	MSS	none	04.11.04
MSS-36360	The Management Agent Service shall have the capability to receive detected hardware and software fault information from the DMS.	B	interface	DMS	MSS	none	04.11.04
MSS-36365	The Management Agent Service shall have the capability to receive event notification from the DMS.	B	interface	DMS	MSS	none	04.11.04
MSS-36370	The Management Agent Service shall have the capability to receive resource utilization data from the DMS.	B	interface	DMS	MSS	none	04.11.04
MSS-36375	The Management Agent Service shall have the capability to send life cycle commands to the DMS.	B	interface	MSS	DMS	none	04.11.04
MSS-36380	The Management Agent Service shall have the capability to send mode requests to the DMS.	B	interface	MSS	DMS	none	04.11.04
MSS-36400	The Management Agent Service shall have the capability to receive processing status from the PLS.	B	interface	PLS	MSS	none	04.11.04
MSS-36405	The Management Agent Service shall have the capability to receive current mode from the PLS.	B	interface	PLS	MSS	none	04.11.04
MSS-36410	The Management Agent Service shall have the capability to receive detected hardware and software fault information from the PLS.	B	interface	PLS	MSS	none	04.11.04
MSS-36415	The Management Agent Service shall have the capability to receive event notification from the PLS.	B	interface	PLS	MSS	none	04.11.04
MSS-36420	The Management Agent Service shall have the capability to receive resource utilization data from the PLS.	B	interface	PLS	MSS	none	04.11.04
MSS-36435	The Management Agent Service shall have the capability to send life cycle commands to the PLS.	B	interface	MSS	PLS	none	04.11.04
MSS-36440	The Management Agent Service shall have the capability to send mode requests to the PLS.	B	interface	MSS	PLS	none	04.11.04
MSS-36450	The Management Agent Service shall have the capability to receive processing status from the DPS.	B	interface	DPS	MSS	none	04.11.04
MSS-36455	The Management Agent Service shall have the capability to receive current mode from the DPS.	B	interface	DPS	MSS	none	04.11.04
MSS-36460	The Management Agent Service shall have the capability to receive detected hardware and software fault information from the DPS.	B	interface	DPS	MSS	none	04.11.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-36465	The Management Agent Service shall have the capability to receive accounting/resource accountability data from the DPS.	B	interface	DPS	MSS	none	04.11.04
MSS-36470	The Management Agent Service shall have the capability to receive resource utilization data from the DPS.	B	interface	DPS	MSS	none	04.11.04
MSS-36480	The Management Agent Service shall have the capability to send life cycle commands to the DPS.	B	interface	MSS	DPS	none	04.11.04
MSS-36485	The Management Agent Service shall have the capability to send mode requests to the DPS.	B	interface	MSS	DPS	none	04.11.04
MSS-36490	The Management Agent Service shall have the capability to send resource availability information to the DPS.	B	interface	MSS	DPS	none	04.11.04
MSS-36500	The Management Agent Service shall have the capability to receive processing status from the INS.	B	interface	INS	MSS	none	04.11.04
MSS-36505	The Management Agent Service shall have the capability to receive current mode from the INS.	B	interface	INS	MSS	none	04.11.04
MSS-36510	The Management Agent Service shall have the capability to receive detected hardware and software fault information from the INS.	B	interface	INS	MSS	none	04.11.04
MSS-36515	The Management Agent Service shall have the capability to receive event notification from the INS.	B	interface	INS	MSS	none	04.11.04
MSS-36520	The Management Agent Service shall have the capability to receive resource utilization data from the INS.	B	interface	INS	MSS	none	04.11.04
MSS-36540	The Management Agent Service shall have the capability to send life cycle commands to the INS.	B	interface	MSS	INS	none	04.11.04
MSS-36545	The Management Agent Service shall have the capability to send mode requests to the INS.	B	interface	MSS	INS	none	04.11.04
MSS-36550	The Management Agent Service shall have the capability to receive processing status from the DSS.	B	interface	DSS	MSS	none	04.11.04
MSS-36555	The Management Agent Service shall have the capability to receive current mode from the DSS.	B	interface	DSS	MSS	none	04.11.04
MSS-36560	The Management Agent Service shall have the capability to receive detected hardware and software fault information from the DSS.	B	interface	DSS	MSS	none	04.11.04
MSS-36565	The Management Agent Service shall have the capability to receive event notification from the DSS.	B	interface	DSS	MSS	none	04.11.04
MSS-36570	The Management Agent Service shall have the capability to receive resource utilization data from the DSS.	B	interface	DSS	MSS	none	04.11.04
MSS-36575	The Management Agent Service shall have the capability to receive status of data distribution from the DSS.	B	interface	DSS	MSS	none	04.11.04
MSS-36600	The Management Agent Service shall have the capability to send life cycle commands to the DSS.	B	interface	MSS	DSS	none	04.11.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-36605	The Management Agent Service shall have the capability to send mode requests to the DSS.	B	interface	MSS	DSS	none	04.11.04
MSS-36700	The Management Agent Service shall have the capability to receive processing status from the CSS.	B	interface	CSS	MSS	none	04.11.04
MSS-36705	The Management Agent Service shall have the capability to receive current mode from the CSS.	B	interface	CSS	MSS	none	04.11.04
MSS-36710	The Management Agent Service shall have the capability to receive detected hardware and software fault information from the CSS.	B	interface	CSS	MSS	none	04.11.04
MSS-36715	The Management Agent Service shall have the capability to receive event notification from the CSS.	B	interface	CSS	MSS	none	04.11.04
MSS-36720	The Management Agent Service shall have the capability to receive resource utilization data from the CSS.	B	interface	CSS	MSS	none	04.11.04
MSS-36750	The Management Agent Service shall have the capability to send life cycle commands to the CSS.	B	interface	MSS	CSS	none	04.11.04
MSS-36755	The Management Agent Service shall have the capability to send mode requests to the CSS.	B	interface	MSS	CSS	none	04.11.04
MSS-36800	The Management Agent Service shall have the capability to receive from the ASF, statistical and accounting information in ECS's standard API format.	B	interface	ASF	MSS	none	04.11.03
MSS-42000	The MSS Software Distribution Service shall maintain version controlled repositories for toolkit software, software upgrades, and documentation.	B	functional	---	---		04.11.05
MSS-42010	The MSS Software Distribution Service shall have the capability to retrieve the contents for each repository from the MSS Baseline Manager Service.	B	functional	---	---	none	04.11.05
MSS-42020	The MSS Software Distribution Service shall provide via the CSS Bulletin Board Service access to the toolkit repository/information.	B	functional	---	---	none	04.11.05
MSS-42030	The MSS Software Distribution Service shall package software, databases, and documentation for delivery to destinations at both ECS and ECS-connected sites.	B	functional	---	---		04.11.05
MSS-42040	The MSS Software Distribution Service shall schedule via the EMC Planning and Scheduling Service automatic and operator-assisted distribution of software packages.	B	functional	---	---	none	04.11.05
MSS-42070	The MSS Software Distribution Service shall determine destinations from stored lists as well as via interactive input.	B	functional	---	---	none	04.11.05
MSS-42080	The MSS Software Distribution Service shall have the capability to push software packages from a central distribution point/depot to remote target platforms (servers and workstations).	B	functional	---	---	none	04.11.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-42090	The MSS Software Distribution Service at the site shall have the capability to pull distribution packages from central distribution points/depots onto individual target destinations.	B	functional	---	---	none	04.11.05
MSS-42100	The MSS Software Distribution Service shall initiate electronic transfer of distribution packages either automatically according to schedule or upon direct command.	B	functional	---	---	none	04.11.05
MSS-42110	The MSS Software Distribution Service shall maintain a record of successful package transfers as well as of each target that fails to receive a package intended for it.	B	functional	---	---	none	04.11.05
MSS-42200	The MSS License Management Service shall maintain information on product identification, licensing provisions, numbers and types of users	B	functional	---	---		04.11.05
MSS-42230	The MSS License Management Service shall distribute software license provisions system-wide.	B	functional	---	---	none	04.11.05
MSS-42240	The MSS License Management Service shall create, install, modify, and reinstall software licenses on ECS servers.	B	functional	---	---	none	04.11.05
MSS-42250	The MSS License Management Service shall meter use of software licenses,	B	functional	---	---	none	04.11.05
MSS-42270	The MSS License Management Service shall have the capability to notify the M&O staff when license metering events occur.	B	functional	---	---		04.11.05
MSS-42280	The MSS License Management Service shall log license management events	B	functional	---	---		04.11.05
MSS-42290	The MSS License Management Service shall compile license utilization statistics.	B	functional	---	---		04.11.05
MSS-42300	The MSS License Management Service shall report license utilization statistics.	B	functional	---	---		04.11.05
MSS-45010	The MSS Inventory/Logistics Management Service at the SMC shall maintain an on-line, system-wide catalog of non-expendable and consumable ECS resources.	B	functional	---	---	none	04.11.05
MSS-45020	The MSS Inventory/Logistics Management Service at the SMC shall provide consolidated, system-wide views of ECS sites' inventory data.	B	functional	---	---	none	04.11.05
MSS-45030	The MSS Inventory/Logistics Management at the SMC shall track excess resources designated for reutilization or disposal.	B	functional	---	---	none	04.11.05
MSS-45040	The MSS Inventory/Logistics Management Service at the SMC shall generate site and multi-site inventory reports for printout and display.	B	functional	---	---	none	04.11.05
MSS-45050	The MSS Inventory/Logistics Management Service shall maintain inventory records of individual non-expendable and consumable ECS resources.	B	functional	---	---		04.11.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-45060	The MSS Inventory/Logistics Management Service shall have the capability to update and track ECS resources status.	B	functional	---	---		04.11.05
MSS-45070	The MSS Inventory/Logistics Management Service shall record attributes of inventoried resources.	B	functional	---	---		04.11.05
MSS-45080	The MSS Inventory/Logistics Management Service shall distinguish between ECS resources and non-ECS resources in the inventory.	B	functional	---	---	none	04.11.05
MSS-45090	The MSS Inventory/Logistics Management Service shall generate site inventory reports for printout and display.	B	functional	---	---		04.11.05
MSS-45200	The MSS Logistics Management Service shall provide the capability to input, store, update and view/print specified site's spare inventory information.	B	functional	---	---		04.11.05
MSS-45210	The MSS Inventory/Logistics Management Service at the SMC shall provide the capability to produce individual site or consolidated sites spare related reports based on operator entered criteria.	B	functional	---	---	none	04.11.05
MSS-45220	The MSS Inventory/Logistics Management Service shall provide the capability to input, store, update, and view/print information concerning site spare parts order information.	B	functional	---	---		04.11.05
MSS-45230	The MSS Inventory/Logistics Management Service shall provide the capability to keep track of spares on-hand quantities, and quantity used.	B	functional	---	---	none	04.11.05
MSS-45240	The MSS Inventory/Logistics Management Service shall provide the capability to generate site spare related reports.	B	functional	---	---	none	04.11.05
MSS-45245	The MSS Inventory/Logistics Management Service shall provide the capability to generate order information for resupply of spare parts.	B	functional	---	---		04.11.05
MSS-45250	The MSS Inventory/Logistics Management Service shall provide the capability to input, store, maintain, and view/print site spare parts (orders) information.	B	functional	---	---		04.11.05
MSS-45260	The MSS Inventory/Logistics Management Service shall have the capability to identify those items whose on-hand quantity has reached the established reorder point.	B	functional	---	---	none	04.11.05
MSS-45270	The MSS Inventory/Logistics Management Service shall provide the capability to generate site spare parts related reports based on operator entered criteria.	B	functional	---	---	none	04.11.05
MSS-45280	The MSS Inventory/Logistics Management Service at the SMC shall provide the capability to generate individual site or consolidated sites consumable items reports based on operator entered criteria.	B	functional	---	---	none	04.11.05
MSS-45290	The MSS Inventory/Logistics Management Service shall provide the capability to input, store, update, and view/print site consumable item information.	B	functional	---	---		04.11.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-45300	The MSS Inventory/Logistics Management Service shall provide the capability to generate site consumable items related reports based on operator entered criteria.	B	functional	---	---	none	04.11.05
MSS-45310	The MSS Inventory/Logistics Management Service shall provide the capability to input, store, maintain, and view/print sites' consumable items orders information.	B	functional	---	---		04.11.05
MSS-45320	The MSS Inventory/Logistics Management Service at the SMC shall provide the capability to generate individual site or consolidated sites consumable items on-order reports based on operator entered criteria.	B	functional	---	---	none	04.11.05
MSS-50000	The MSS Maintenance Management Service shall provide the capability to view specified site's PM information .	B	functional	---	---		04.11.05
MSS-50010	The MSS Maintenance Management Service shall provide the capability to view specified site's corrective maintenance information.	B	functional	---	---		04.11.05
MSS-50020	The MSS Maintenance Management Service shall provide the M&O staff the capability to produce PM and corrective maintenance reports based on operator entered criteria.	B	functional	---	---	none	04.11.05
MSS-50030	The MSS Maintenance Management Service at the SMC shall have the capability to receive specified site maintenance data for use in maintenance trends analysis.	B	functional	---	---	none	04.11.05
MSS-50040	The MSS Maintenance Management Service shall provide the capability to input, store, maintain, and view/print Preventive Maintenance (PM) information for site equipment.	B	functional	---	---		04.11.05
MSS-50050	The MSS Maintenance Management Service shall provide the capability to input, store, maintain, and view/print key information concerning PM performed.	B	functional	---	---		04.11.05
MSS-50060	The MSS Maintenance Management Service shall provide the capability to input, store, maintain, and view/print corrective maintenance performed (CMP) information.	B	functional	---	---		04.11.05
MSS-50070	The MSS Maintenance Management Service shall have the capability, via M&O Staff entered criteria, to retrieve and display information relevant to PM and corrective maintenance services previously performed.	B	functional	---	---	none	04.11.05
MSS-50090	The MSS Maintenance Management Service shall have the capability to replaced/modified equipment information maintained in the MSS Baseline Manager Service database.	B	functional	---	---	none	04.11.05
MSS-50100	The MSS Maintenance Management Service shall log the following information for operations performed and detected errors: operation type, userid of initiator, date time stamp; and host name	B	functional	---	---	none	04.11.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-50110	The MSS Maintenance Management Service shall generate chronological reports of logged events associated with user selectable: time frames; operation types; userids; and hosts.	B	functional	---	---	none	04.11.05
MSS-50120	The MSS Maintenance Management Service shall provide the capability to maintain sites' off-site maintenance information.	B	functional	---	---		04.11.05
MSS-50130	The MSS Maintenance Management Service shall provide off-site maintenance reports based on operator entered criteria.	B	functional	---	---	none	04.11.05
MSS-50140	The MSS Maintenance Management Service shall record off-site maintenance information: identification of component; description of problem; and corrective action taken.	B	functional	---	---	none	04.11.05
MSS-50160	The MSS Maintenance Management Service shall provide the capability to input off-site corrective hardware and software information.	B	functional	---	---		04.11.05
MSS-50170	The MSS Maintenance Management Service shall provide the capability to store off-site corrective hardware and software information.	B	functional	---	---		04.11.05
MSS-50180	The MSS Maintenance Management Service shall provide the capability to update off-site corrective hardware and software information.	B	functional	---	---		04.11.05
MSS-50190	The MSS Maintenance Management Service shall provide the capability to view off-site corrective hardware and software information.	B	functional	---	---		04.11.05
MSS-50200	The MSS Maintenance Management Service shall provide the capability to generate off-site maintenance reports based on operator entered criteria.	B	functional	---	---	none	04.11.05
MSS-50210	The MSS Maintenance Management Service shall provide the capability to access a specified site's off-site maintenance repair information.	B	functional	---	---		04.11.05
MSS-50230	The MSS Maintenance Management Service shall provide the capability to produce maintenance status reports.	B	functional	---	---	none	04.11.05
MSS-50235	The MSS Maintenance Management Service shall have the capability to schedule maintenance events via the MSS Planning and Scheduling Service.	B	functional	---	---	none	04.11.05
MSS-51010	The MSS Training Management Service shall provide the capability to input, store, maintain, and view/print training information.	B	functional	---	---		04.11.05
MSS-51020	The MSS Training Management Service shall provide the capability to input, store, maintain, and view/print training records information.	B	functional	---	---		04.11.05
MSS-51030	The MSS Training Management Service shall provide the capability to input, store, maintain, and view/print site training requirements information.	B	functional	---	---	none	04.11.05
MSS-51060	The MSS Training Management Service at the SMC shall provide the capability to prepare, update, store, view/print, and disseminate training courses descriptions, course prerequisites, resource requirements, and schedules.	B	functional	---	---	none	04.11.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-51070	The MSS Training Management Service shall provide the capability to retrieve and view/print training courses and schedules information from a SMC training information repository.	B	functional	---	---	none	04.11.05
MSS-51080	The MSS Training Management Service at the SMC shall provide the capability to prepare, update, store, and view/print a list of self study, supervisory, and testing requirements for each of the OJT designated ECS positions.	B	functional	---	---	none	04.11.05
MSS-51090	The MSS Training Management Service at the SMC shall provide the capability to prepare, update, store copy of, and view/print training material.	B	functional	---	---	none	04.11.05
MSS-51100	The MSS Training Management Service at the SMC shall provide the capability to capture and make available suggestions/ recommendations concerning the use of training material for applicable courses.	B	functional	---	---	none	04.11.05
MSS-51110	The MSS Training Management Service at the SMC shall provide the capability to capture, summarize, and make available course critique.	B	functional	---	---	none	04.11.05
MSS-51120	The MSS Training Management Service shall have the capability to schedule training events via the MSS Planning and Scheduling Service.	B	functional	---	---	none	04.11.05
MSS-52010	The MSS Policy and Procedures Management Service at the SMC shall provide the capability to prepare, store, maintain, and make available for distribution ECS policies and procedures.	B	functional	---	---	none	04.11.05
MSS-52020	The MSS Policy and Procedures Management Service shall provide the capability to access, select, and display/print ECS policies and procedures.	B	functional	---	---	none	04.11.05
MSS-52030	The MSS Policy and Procedures Management Service shall provide the capability to input, store, maintain, and view/print site specific policies and procedures.	B	functional	---	---	none	04.11.05
MSS-52040	The MSS Policy and Procedures Management Service shall provide a bulletin board service with information on ECS, status, events and news,	B	functional	---	---	none	04.11.05
MSS-52050	The MSS Policy and Procedures Management Service shall maintain a bulletin board service with information on ECS, status, events and news,	B	functional	---	---	none	04.11.05
MSS-56010	The MSS Mode Management Service shall support a operational mode capability	B	functional	---	---	none	04.11.03
MSS-56020	The MSS Mode Management Service shall support a test mode capability	B	functional	---	---	none	04.11.03
MSS-56030	The MSS Mode Management Service shall support a training mode capability	B	functional	---	---	none	04.11.03
MSS-56040	The MSS Mode Management Service shall have the capability to monitor each independently executing mode for performance statistics.	B	functional	---	---	none	04.11.03
MSS-56050	The MSS Mode Management Service shall provide fault detection and isolation capabilities for each independently executing mode.	B	functional	---	---	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-56060	The MSS Mode Management Service shall maintain a collection of management statistics for each mode supported.	B	functional	---	---	none	04.11.03
MSS-56070	The MSS Mode Management test mode shall be capable of executing simultaneously with the operational mode	B	functional	---	---	none	04.11.03
MSS-56080	The MSS Mode Management training mode shall be capable of executing simultaneously with the operational mode.	B	functional	---	---	none	04.11.03
MSS-56090	The MSS Mode Management Service shall have the capability to identify components which have been taken off-line for maintenance	B	functional	---	---	none	04.11.03
MSS-60161	The MSS EMC Fault Management Application Service shall have the capability to receive notifications of detected faults and degradation of performance from: a. Site fault management applications b. EBnet c. ASTER d. NOAA (SAA) e. Landsat(MMO) f. NSI g. NOLAN	B	functional	---	---	replaces C-MSS-60160	04.11.03
MSS-60171	The MSS EMC Fault Management Application Service shall be capable of requesting fault notification and performance degradation data from : a. Site Fault Management Applications b. EBnet c. ASTER d. NOAA(SAA) e. Landsat(MMO) f. NSI g. NOLAN	B	functional	---	---	replaces C-MSS-60170	04.11.03
MSS-60181	The MSS EMC Fault Management Application Service shall be capable of receiving summarized fault notification and performance degradation data from: a. Site fault management applications b. EBnet c. ASTER d. NOAA(SAA) e. Landsat(MMO) f. NSI g. NOLAN	B	functional	---	---	replaces C-MSS-60180	04.11.03
MSS-60240	The MSS Fault Management Application Service shall have the capability to send ECS system management information to ASTER GDS.	B	interface	MSS	ASTER GDS	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-60242	The MSS Fault Management Application Service shall have the capability to receive ASTER GDS system management information from ASTER GDS.	B	interface	ASTER GDS	MSS	none	04.11.03
MSS-60244	The MSS Fault Management Application Service shall have the capability to send ECS network management information to ASTER GDS.	B	interface	MSS	ASTER GDS	none	04.11.03
MSS-60246	The MSS Fault Management Application Service shall have the capability to receive ASTER GDS network management information from ASTER GDS.	B	interface	ASTER GDS	MSS	none	04.11.03
MSS-60248	The MSS Fault Management Application Service shall have the capability to send requests for ASTER GDS network management information to ASTER GDS.	B	interface	MSS	ASTER GDS	none	04.11.03
MSS-60250	The MSS Fault Management Application Service shall have the capability to receive requests for ECS network management information from ASTER GDS.	B	interface	ASTER GDS	MSS	none	04.11.03
MSS-60252	The MSS Fault Management Application Service shall have the capability to send Network Management information to the SAAs.	B	interface	MSS	SAAs	none	04.11.03
MSS-60254	The MSS Fault Management Application Service shall have the capability to receive Network Management information from the SAAs.	B	interface	SAAs	MSS	none	04.11.03
MSS-60260	The MSS Fault Management Application Service shall have the capability to send System Management status to the MMO.	B	interface	MSS	MMO	none	04.11.03
MSS-60262	The MSS Fault Management Application Service shall have the capability to receive System Management status from the MMO.	B	interface	MMO	MSS	none	04.11.03
MSS-60264	The MSS Fault Management Application Service shall have the capability to receive notification from NSI of faults in NSI's network that may affect the quality of NSI services between ECS and its users.	B	interface	NSI	MSS	none	04.11.03
MSS-60266	The MSS Fault Management Application Service shall have the capability to query from NSI information regarding the following which may affect the quality of NSI services between ECS and it users: a. fault status b. estimated time to repair c. fault resolution	B	interface	NSI	MSS	none	04.11.03
MSS-60268	The MSS Fault Management Application Service shall have the capability to query from NSI periodic summary information about faults that may have affected the quality of NSI services between ECS and its users.	B	interface	NSI	MSS	none	04.11.03
MSS-60278	The MSS Fault Management Application Service shall have the capability to receive, from NOLAN, notification of faults in the NOLAN network that may affect the quality of NOLAN services between ECS and its users.	B	interface	NOLAN	MSS	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-60280	The MSS Fault Management Application Service shall have the capability to receive, from NOLAN, information regarding fault status and estimated time to repair or resolve NOLAN faults that may affect the quality of NOLAN services between ECS and its users.	B	interface	NOLAN	MSS	none	04.11.03
MSS-60282	The MSS Fault Management Application Service shall have the capability to receive, from NOLAN, periodic summary information about faults that may have affected the quality of NOLAN services between ECS and its users.	B	interface	NOLAN	MSS	none	04.11.03
MSS-60301	The MSS Fault Management Application Service shall provide the capability to identify routes between selected pairs of hosts on the EBnet.	B	functional	---	---		04.11.03
MSS-60303	The Fault Management Application Service shall have the capability to send diagnostic test requests to the ISS.	B	interface	MSS	ISS	none	04.11.03
MSS-60305	The Fault Management Application Service shall have the capability to receive diagnostic test results from the ISS.	B	interface	ISS	MSS	none	04.11.03
MSS-60371	The MSS Fault Management Application Service at the SMC shall be capable of sending gathered isolation, location, identification and characterization of reported faults data to the level of subsystem and equipment to the following: a. Site Fault Management Applications b. EBnet c. ASTER b. NOAA(SAA) e. Landsat (MMO) f. NSI g. NOLAN.	B	functional	---	---		04.11.03
MSS-66001	The MSS performance management application service shall be capable of monitoring the performance of the following ECS components a. network components 1. routers 2. links 3. bridges 4. gateways b. hosts c. operating systems d. peripherals e. data f. ECS applications.	B	functional	---	---	replaces C-MSS-66000	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-66121	The MSS performance management application service shall be capable of determining the operational state of all network components, hosts, and peripherals to be: a. on-line b. off-line c. in test mode d. In maintenance, e. in simulation mode.	B	functional	---	---	replaces C-MSS-66120	04.11.03
MSS-66123	The MSS Performance Management Application Service shall generate requests for performance testing that identify the required resources, purpose, requested priority, required environment, operations impacts and expected results.	B	functional	---	---	none	04.11.03
MSS-66141	The MSS EMC Performance Management Application Service shall have the capability to request performance data from: a. Site performance management applications b. EBnet c. ASTER d. NOAA(SAA) e. Landsat(MMO) f. NSI g. NOLAN.	B	functional	---	---		04.11.03
MSS-66151	The MSS EMC Performance Management Application Service shall be capable of receiving performance data from: a. Site performance management applications b. EBnet c. ASTER d. NOAA(SAA) e. Landsat(MMO) f. NSI g. NOLAN.	B	functional	---	---		04.11.03
MSS-66161	The MSS EMC Performance Management Application Service shall be capable of receiving summarized performance data from: a. Site performance management applications b. EBnet c. ASTER d. NOAA(SAA) e. Landsat(MMO) f. NSI g. NOLAN.	B	functional	---	---		04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-66171	The MSS performance management application service shall log ECS performance data pertaining to ECS network components, ECS applications and operating system resources.	B	functional	---	---	replaces C-MSS-66170	04.11.03
MSS-66500	The MSS Performance Management Application Service shall have the capability to send ECS system management information to ASTER GDS.	B	interface	MSS	ASTER GDS	none	04.11.03
MSS-66505	The MSS Performance Management Application Service shall have the capability to receive ASTER GDS system management information from ASTER GDS.	B	interface	ASTER GDS	MSS	none	04.11.03
MSS-66510	The MSS Performance Management Application Service shall have the capability to send ECS network management information to ASTER GDS.	B	interface	MSS	ASTER GDS	none	04.11.03
MSS-66515	The MSS Performance Management Application Service shall have the capability to receive ASTER GDS network management information from ASTER GDS.	B	interface	ASTER GDS	MSS	none	04.11.03
MSS-66520	The MSS Performance Management Application Service shall have the capability to send requests for ASTER GDS network management information to ASTER GDS.	B	interface	MSS	ASTER GDS	none	04.11.03
MSS-66525	The MSS Performance Management Application Service shall have the capability to receive requests for ECS network management information from ASTER GDS.	B	interface	ASTER GDS	MSS	none	04.11.03
MSS-66530	The MSS Performance Management Application Service shall have the capability to send Network Management information to the SAAs.	B	interface	MSS	SAAs	none	04.11.03
MSS-66535	The MSS Performance Management Application service shall have the capability to receive Network Management information from the SAAs.	B	interface	SAAs	MSS	none	04.11.03
MSS-66550	The MSS Performance Management Application Service shall have the capability to send System Management status to the MMO.	B	interface	MSS	MMO	none	04.11.03
MSS-66555	The MSS Performance Management Application Service shall have the capability to receive System Management status from the MMO.	B	interface	MMO	MSS	none	04.11.03
MSS-66560	The MSS Performance Management Application Service shall have the capability to query from NSI periodic reports of link utilization and transmission errors, reflecting or summarizing NSI performance measurements over various time intervals.	B	interface	NSI	MSS	none	04.11.03
MSS-66585	The MSS Performance Management Application Service shall have the capability to receive, from NOLAN, periodic information regarding NOLAN network performance and link utilization.	B	interface	NOLAN	MSS	none	04.11.03
MSS-70470	The MSS Security Management Application Service shall have the capability to send ECS system management information to ASTER GDS.	B	interface	MSS	ASTER GDS	none	04.11.03
MSS-70472	The MSS Security Management Application Service shall have the capability to receive ASTER GDS system management information from ASTER GDS.	B	interface	ASTER GDS	MSS	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-70474	The MSS Security Management Application Service shall have the capability to send System Management status to the MMO.	B	interface	MSS	MMO	none	04.11.03
MSS-70476	The MSS Security Management Application Service shall have the capability to receive System Management status from the MMO.	B	interface	MMO	MSS	none	04.11.03
MSS-70478	The MSS Security Management Application Service shall have the capability to send to NSI, notification of security breaches at ECS facilities that could affect NSI and other EOSDIS sites.	B	interface	MSS	NSI	none	04.11.03
MSS-70480	The MSS Security Management Application Service shall have the capability to receive from NSI, notification of security breaches at NSI sites or within the NSI network that could potentially affect ECS sites.	B	interface	NSI	MSS	none	04.11.03
MSS-70482	The MSS Security Management Application Service shall have the capability to send to NOLAN, notifications of security breaches at ECS facilities that could affect NOLAN and other EOSDIS sites.	B	interface	MSS	NOLAN	none	04.11.03
MSS-70484	The MSS Security Management Application Service shall have the capability to receive, from NOLAN, notifications of security breaches at NOLAN sites or within the NOLAN network that could potentially affect ECS sites.	B	interface	NOLAN	MSS	none	04.11.03
MSS-70515	The MSS Security Management Application Service shall have the capability to manage encrypted information, including keys.	B	functional	---	---	none	04.11.03
MSS-70600	The EMC Security Management Application Service shall maintain security policies and procedures to include physical security, password management, operational security, data security, privileges, network security and compromise mitigation.	B	functional	---	---	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-75001	The MSS accountability management service shall provide the capability to maintain a user profile database that stores the following information for each registered user: a. Name b. User ID c. Password information 1. password 2. password expiration date d. Assigned privileges e. Mailing address f. Telephone number g. Product shipping address h. E-mail address i. Organization (optional) j. Project affiliation(s) (optional) 1. project name 2. project principal investigator k. User group l. Account information 1. creation date 2. expiration date m. Restrictions 1. time of day 2. location 3. type of service n. Billing address o. Payment method	B	functional	---	---	none	04.11.03
MSS-75015	The MSS accountability management service shall provide the capability for M&O Staff to modifying and delete user profile records.	B	functional	---	---	none	04.11.03
MSS-75060	The MSS accountability management service shall provide the capability to maintain a system profile inventory database of ECS software and non product data.	B	functional	---	---	none	04.11.03
MSS-75070	The system profile inventory database shall store the following information for each inventory entry: Data ID, Data purpose, Data location, Data classification and Data priority.	B	functional	---	---	none	04.11.03
MSS-75080	The MSS accountability management service shall be capable of receiving new system profile inventory records entered by M&O Staff.	B	functional	---	---	none	04.11.03
MSS-75090	The MSS accountability management service shall provide the capability for M&O Staff to modify and delete system profile inventory records .	B	functional	---	---	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-75100	The MSS Accountability Management Service shall have the capability to send user registration data to the MMO.	B	interface	MSS	MMO	none	04.11.03
MSS-75102	The Accountability Service shall have the capability to receive an account balance status request from the CLS.	B	interface	CLS	MSS	none	04.11.04
MSS-75105	The Accountability Service shall have the capability to receive user registration requests from the CLS.	B	interface	CLS	MSS	none	04.11.04
MSS-75110	The MSS Accountability Management Service shall have the capability to receive user registration information from the MMO.	B	interface	MMO	MSS	none	04.11.03
MSS-75112	The Accountability Service shall have the capability to receive user comment information from the CLS.	B	interface	CLS	MSS	none	04.11.04
MSS-75115	The Accountability Service shall have the capability to receive requests for user profile updates from the CLS.	B	interface	CLS	MSS	none	04.11.04
MSS-75120	The Accountability Service shall have the capability to receive user registration status requests from the CLS.	B	interface	CLS	MSS	none	04.11.04
MSS-75125	The Accountability Service shall have the capability to receive user comment survey requests from the CLS.	B	interface	CLS	MSS	none	04.11.04
MSS-75130	The Accountability Service shall have the capability to send user registration information to the CLS.	B	interface	MSS	CLS	none	04.11.04
MSS-75135	The Accountability Service shall have the capability to send user registration status to the CLS.	B	interface	MSS	CLS	none	04.11.04
MSS-75140	The Accountability Service shall have the capability to send user profile information to the CLS.	B	interface	MSS	CLS	none	04.11.04
MSS-75145	The Accountability Service shall have the capability to send account status to the CLS.	B	interface	MSS	CLS	none	04.11.04
MSS-75150	The Accountability Service shall have the capability to send user comment surveys to the CLS.	B	interface	MSS	CLS	none	04.11.04
MSS-75155	The Accountability Service shall have the capability to receive data delivery records from the INS.	B	interface	INS	MSS	none	04.11.04
MSS-75160	The Accountability Service shall have the capability to receive data delivery notices from the INS.	B	interface	INS	MSS	none	04.11.04
MSS-75165	The Accountability Service shall have the capability to receive TDRSS schedule requests from the DSS.	B	interface	DSS	MSS	none	04.11.04
MSS-78010	The MSS Billing/Accounting Application Service (BAAS) functional requirements shall conform to the functional requirements defined by the Federal Financial Management System Requirements issued by the Joint Financial Management Improvement Program (JFIMP)	B	functional	---	---	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-78030	The MSS BAAS shall provide the following major functions: request processing, billing & invoicing, accounts receivable, accounts payable, collections, general ledger, cost accounting, and reporting.	B	functional	---	---	none	04.11.03
MSS-78100	The MSS BAAS Billing & Invoicing function shall generate user account billing statements as well as billing invoices.	B	functional	---	---	none	04.11.03
MSS-78110	The MSS BAAS Billing & Invoicing function shall generate user account billing statements and billing invoices on paper as well as electronic formats.	B	functional	---	---	none	04.11.03
MSS-78120	The MSS BAAS Billing & Invoicing function shall price user activity records using standardized pricing tables.	B	functional	---	---	none	04.11.03
MSS-78130	The MSS BAAS Billing & Invoicing function shall apply credits and adjustments given to a user account over a billing period.	B	functional	---	---	none	04.11.03
MSS-78140	The MSS BAAS Billing & Invoicing function shall apply any "pre-paid" amounts to current user account charges.	B	functional	---	---	none	04.11.03
MSS-78150	The MSS BAAS Billing & Invoicing function shall accept special rates for specific users/groups.	B	functional	---	---	none	04.11.03
MSS-78160	The MSS BAAS Billing & Invoicing function shall apply any past due amounts to an invoice.	B	functional	---	---	none	04.11.03
MSS-78180	The MSS BAAS Billing & Invoicing function shall provide the capability to consolidate multiple user accounts into a single group account, due from one paying location.	B	functional	---	---	none	04.11.03
MSS-78190	The MSS BAAS Billing & Invoicing function shall generate statement and billing invoice reprints upon request.	B	functional	---	---	none	04.11.03
MSS-78200	The MSS BAAS Billing & Invoicing function shall be capable of accessing account activity information from the ECS Management Database to price account usage and purchases of ECS service products.	B	functional	---	---	none	04.11.03
MSS-78220	The MSS BAAS Billing & Invoicing function shall have access to account billing information from the ECS Management Database (e.g. billing address, bill cycle, payment option).	B	functional	---	---	none	04.11.03
MSS-78240	The MSS BAAS Billing & Invoicing function shall collect science user activity information from the ECS Management Database every 24 hours; daily.	B	functional	---	---	none	04.11.03
MSS-78260	The MSS BAAS Billing & Invoicing function shall have the capability to provide multiple billing cycles.	B	functional	---	---	none	04.11.03
MSS-78270	The MSS BAAS Billing and Invoicing function shall make available to the DSS, pricing algorithms it maintains in standard pricing tables, for the purposes of price estimation.	B	interface	MSS	CLS	none	04.11.04
MSS-78280	The MSS BAAS Billing & Invoicing function shall provide price estimation tables to value products and services to DSS.	B	interface	MSS	DSS	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-78300	The MSS BAAS Accounts Receivable (AR) function shall maintain current updated individual and summary user account balances.	B	functional	---	---	none	04.11.03
MSS-78310	The MSS BAAS Accounts Receivable (AR) function shall have the capability to reference all update transactions to the appropriate supporting documents (e.g., billing invoice number).	B	functional	---	---	none	04.11.03
MSS-78320	The MSS BAAS Accounts Receivable (AR) function shall allow transactions to be entered in batches.	B	functional	---	---	none	04.11.03
MSS-78330	The MSS BAAS Accounts Receivable (AR) function shall accept manual entry of adjustments and transactions, bypassing batch requirements.	B	functional	---	---	none	04.11.03
MSS-78340	The MSS BAAS Accounts Receivable (AR) function shall record complete and partial receipts of payments.	B	functional	---	---	none	04.11.03
MSS-78350	The MSS BAAS Accounts Receivable (AR) function shall provide the ability to apply receipts to more than one receivable.	B	functional	---	---	none	04.11.03
MSS-78360	The MSS BAAS Accounts Receivable (AR) shall post credit balances and adjustments to user accounts.	B	functional	---	---	none	04.11.03
MSS-78370	The MSS BAAS Accounts Receivable (AR) function shall accept "pre-paid accounts."	B	functional	---	---	none	04.11.03
MSS-78380	The MSS BAAS Accounts Receivable (AR) function shall deduct amounts due from "pre-paid" accounts and show balance remaining.	B	functional	---	---	none	04.11.03
MSS-78390	The MSS BAAS Accounts Receivable (AR) function shall provide the ability to flag "pre-paid" accounts with no balance remaining.	B	functional	---	---	none	04.11.03
MSS-78400	The MSS BAAS Accounts Receivable (AR) function shall accept purchase orders.	B	functional	---	---	none	04.11.03
MSS-78410	The MSS BAAS Accounts Receivable (AR) function shall process refunds for deposits taken on service.	B	functional	---	---	none	04.11.03
MSS-78420	The MSS BAAS Accounts Receivable (AR) function shall process refunds for overpayments on user charges.	B	functional	---	---	none	04.11.03
MSS-78430	The MSS BAAS Accounts Receivable (AR) function shall provide the capability to apply refunds to outstanding balances or to credit an account for future amounts due if users request it.	B	functional	---	---	none	04.11.03
MSS-78440	The MSS BAAS Accounts Receivable (AR) function shall provide the capability to re-establish a receivable for checks returned due to insufficient funds.	B	functional	---	---		04.11.03
MSS-78450	The MSS BAAS Accounts receivable (AR) function shall support automatic balancing of the accounts receivable master file.	B	functional	---	---	none	04.11.03
MSS-78460	The MSS BASS Accounts Receivable (AR) shall monitor the aging of individual receivables.	B	functional	---	---	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-78480	The MSS BAAS Accounts receivable (AR) function shall maintain a history for each account.	B	functional	---	---	none	04.11.03
MSS-78490	The MSS BAAS Accounts Receivable (AR) function shall identify each transaction via reference numbers.	B	functional	---	---	none	04.11.03
MSS-78500	The MSS BAAS Accounts Receivable (AR) function shall provide the capability to purge accounts, removing closed accounts to a history file.	B	functional	---	---	none	04.11.03
MSS-78510	The MSS BAAS Accounts Receivable (AR) function shall have the capability to receive accounts receivable data for sales conducted over-the-counter at a site.	B	functional	---	---		04.11.03
MSS-78520	The MSS BAAS Accounts Receivable (AR) function shall provide the capability to communicate revenue information to a NASA accounting system for reporting and deposit.	B	interface	MSS	EXT		04.11.03
MSS-78530	The MSS BAAS Accounts Receivable (AR) function shall submit user refund requests to a NASA accounting system.	B	interface	MSS	EXT		04.11.03
MSS-78540	The MSS BAAS Accounts Receivable (AR) function shall make account balance information available to science users upon a CLS request.	B	interface	CLS	MSS	none	04.11.03
MSS-78550	The MSS BAAS Accounts Receivable (AR) function shall produce an end-of-period "trial balances" showing an account's opening balance, period activity, and closing balance.	B	functional	---	---	none	04.11.03
MSS-78560	The MSS BAAS Accounts Receivable (AR) function shall provide reports indicating summary of accounts receivable activity for a specific period.	B	functional	---	---	none	04.11.03
MSS-78570	The MSS BAAS Accounts Receivable (AR) function shall provide an exception report listing all accounts with credit balances.	B	functional	---	---	none	04.11.03
MSS-78580	The MSS BAAS Accounts Receivable (AR) function shall identify receivables which have been reduced by means other than cash collections (e.g., adjustments),	B	functional	---	---	none	04.11.03
MSS-78590	The MSS BAAS Accounts Receivable (AR) function shall produce an account receivable aging report.	B	functional	---	---	none	04.11.03
MSS-78600	The MSS BAAS Accounts Receivable (AR) function shall provide upon request a batch listing of all activity and items in a particular batch.	B	functional	---	---	none	04.11.03
MSS-78610	The MSS BAAS Accounts Receivable (AR) function shall provide upon request an account payment profile.	B	functional	---	---	none	04.11.03
MSS-78700	The MSS BAAS Accounts Payable (AP) function shall maintain vendor/payee master files.	B	functional	---	---		04.11.03
MSS-78710	The MSS BAAS Accounts Payable (AP) function shall provide the capability to update vendor/payee master files.	B	functional	---	---	none	04.11.03
MSS-78720	The MSS BAAS Accounts Payable (AP) function shall maintain payee account balances.	B	functional	---	---	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-78730	The MSS BAAS Accounts Payable (AP) function shall maintain payee account information to include: a. payee bank account information. b. payee taxpayer identification number and payee type. c. contract terms (e.g., net terms, terms that use discounting,end-of-month terms).	B	functional	---	---	none	04.11.03
MSS-78740	The MSS BAAS Accounts Payable (AP) function shall provide the capability to establish "pre-paid" accounts.	B	functional	---	---	none	04.11.03
MSS-78750	The MSS BAAS Accounts Payable (AP) function shall provide the capability to establish temporary accounts (e.g., when issuing a refund to a user account).	B	functional	---	---		04.11.03
MSS-78760	The MSS BAAS Accounts Payable (AP) function shall support batch entry of invoices.	B	functional	---	---	none	04.11.03
MSS-78770	The MSS BAAS Accounts Payable (AP) function shall support matching of vendor invoices to purchase order line items.	B	functional	---	---		04.11.03
MSS-78780	The MSS BAAS Accounts Payable (AP) function shall support matching of vendor invoices to inventory receiving reports.	B	functional	---	---		04.11.03
MSS-78790	The MSS BAAS Accounts Payable (AP) function shall provide the capability to indicate discrepancies between quantity, type, and cost of goods ordered, received, and invoiced.	B	functional	---	---	none	04.11.03
MSS-78810	The MSS BAAS Accounts Payable (AP) function shall provide on-line voucher approval by M&O staff.	B	functional	---	---	none	04.11.03
MSS-78820	The MSS BAAS Accounts Payable (AP) function shall provide re-routing capabilities for vouchers which are not approved the first time.	B	functional	---	---	none	04.11.03
MSS-78830	The MSS BAAS Accounts Payable (AP) function shall provide the ability to suspend a voucher from further processing.	B	functional	---	---	none	04.11.03
MSS-78840	The MSS BAAS Accounts Payable (AP) function shall provide the capability to void a voucher	B	functional	---	---	none	04.11.03
MSS-78850	The MSS BAAS Accounts Payable (AP) function shall allow M&O staff to break up a voucher into multiple payments when charges on invoice have different due dates.	B	functional	---	---	none	04.11.03
MSS-78860	The MSS BAAS Accounts Payable (AP) function shall provide the capability to combine several vouchers for the same vendor into a single payment.	B	functional	---	---	none	04.11.03
MSS-78870	The MSS BAAS Accounts Payable (AP) function shall provide the capability to post payments to "pre-paid" accounts automatically.	B	functional	---	---	none	04.11.03
MSS-78880	The MSS BAAS Accounts Payable (AP) function shall assign a status code to each voucher to track its progress through the system.	B	functional	---	---	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-78890	The MSS BAAS Accounts Payable (AP) function shall provide an on-line voucher approval process by M&O staff.	B	functional	---	---	none	04.11.03
MSS-78900	The MSS BAAS Accounts Payable (AP) function shall allow an on-line query and searching of the voucher history file.	B	functional	---	---	none	04.11.03
MSS-78910	The MSS BAAS Accounts Payable (AP) function shall allow orders to be re-opened by M&O staff after final payment has been made.	B	functional	---	---	none	04.11.03
MSS-78920	The MSS BAAS Accounts Payable (AP) function shall have the capability to access purchase order line items information from the ECS Management Database to match to vendor invoices before authorizing payment of invoices.	B	functional	---	---		04.11.03
MSS-78930	The MSS BAAS Accounts Payable (AP) function shall have the capability to access inventory receiving reports information from the ECS Management Database to match to vendor invoices before authorizing payment of invoices.	B	functional	---	---		04.11.03
MSS-78940	The MSS BAAS Accounts Payable (AP) function shall transmit vendor invoice payment requests and user refund payment requests to a NASA accounting system	B	interface	---	---		04.11.03
MSS-78950	The MSS BAAS Accounts Payable (AP) function shall prepare detailed and summary listings of amounts payable for a specific period of time.	B	functional	---	---	none	04.11.03
MSS-78960	The MSS BAAS Accounts Payable (AP) function shall provide reporting of all unreconciled and outstanding items.	B	functional	---	---	none	04.11.03
MSS-78970	The MSS BAAS Accounts Payable (AP) function shall a provide vendor master list.	B	functional	---	---	none	04.11.03
MSS-79100	The MSS BAAS Collections function shall identify delinquent accounts; those accounts which have violated ECS-determined account aging parameters.	B	functional	---	---		04.11.03
MSS-79110	The MSS BAAS Collections function shall provide the capability to allow ECS-defined collections parameters.	B	functional	---	---	none	04.11.03
MSS-79120	The MSS BAAS Collections function shall provide the capability to override specific accounts from the collections process.	B	functional	---	---	none	04.11.03
MSS-79140	The MSS BAAS Collections function shall generate custom and form dunning letters to delinquent accounts.	B	functional	---	---	none	04.11.03
MSS-79150	The MSS BAAS Collections function shall keep log of contacts and contact attempts with users in delinquent accounts.	B	functional	---	---		04.11.03
MSS-79160	The MSS BAAS Collections function shall record payment arrangements made with users.	B	functional	---	---	none	04.11.03
MSS-79170	The MSS BAAS Collections function shall initiate service suspension, cancellation, and restoration as appropriate.	B	functional	---	---	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-79180	The MSS BAAS Collections function shall calculate amounts declared non-collectible (write-offs).	B	functional	---	---	none	04.11.03
MSS-79190	The MSS BAAS Collections function shall record write-off amounts.	B	functional	---	---	none	04.11.03
MSS-79200	The MSS BAAS Collections function shall save all collections history information on particular accounts.	B	functional	---	---	none	04.11.03
MSS-79500	The MSS BAAS General Ledger (GL) function shall set up a chart of accounts.	B	functional	---	---	none	04.11.03
MSS-79510	The MSS BAAS General Ledger (GL) function shall accept entries via balanced batches.	B	functional	---	---	none	04.11.03
MSS-79520	The MSS BAAS General Ledger (GL) function shall accept direct entries by-passing the batches.	B	functional	---	---	none	04.11.03
MSS-79530	The MSS BAAS General Ledger (GL) function shall update and edit each account on-line.	B	functional	---	---	none	04.11.03
MSS-79540	The MSS BAAS General Ledger (GL) function shall provide on-line inquiry capability into account balances.	B	functional	---	---	none	04.11.03
MSS-79550	The MSS BAAS General Ledger (GL) function shall provide the capability for M&O staff to establish standardized transactions.	B	functional	---	---	none	04.11.03
MSS-79560	The MSS BAAS General Ledger (GL) function shall provide the capability for M&O staff to modify standardized transactions.	B	functional	---	---	none	04.11.03
MSS-79570	The MSS BAAS General Ledger (GL) function shall accommodate future period transaction entries.	B	functional	---	---	none	04.11.03
MSS-79580	The MSS BAAS General Ledger (GL) function shall accommodate prior period transaction entries for all periods that are open to posting.	B	functional	---	---	none	04.11.03
MSS-79590	The MSS BAAS General Ledger (GL) function shall provide the capability to automatically create new accounts.	B	functional	---	---	none	04.11.03
MSS-79600	The MSS BAAS General Ledger (GL) function shall perform end-of-period process (trial balances), accruals, and consolidation processes under the control of authorized staff.	B	functional	---	---	none	04.11.03
MSS-79610	The MSS BAAS General Ledger (GL) function shall provide the capability for multiple preliminary end-of-period closings before final closing.	B	functional	---	---	none	04.11.03
MSS-79620	The MSS BAAS General Ledger (GL) function shall provide the capability to post current period data during preliminary end-of-period closings.	B	functional	---	---	none	04.11.03
MSS-79630	The MSS BAAS General Ledger (GL) function shall use standardized transactions identified by reference codes to control transaction editing, posting, and updating of information , such as documented balances and available funding.	B	functional	---	---	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-79640	The MSS BAAS General Ledger (GL) function shall maintain a documented trail of any changes conducted by authorized staff on out-of-balance accounts.	B	functional	---	---	none	04.11.03
MSS-79650	The MSS BAAS General Ledger (GL) function shall provide the capability to move accounts to a history file.	B	functional	---	---	none	04.11.03
MSS-79660	The MSS BAAS General Ledger (GL) function shall provide the capability to re-open closed accounts when required.	B	functional	---	---	none	04.11.03
MSS-79670	The MSS BAAS General Ledger (GL) function shall provide the capability to archive data needed for comparative analysis and presentation of historical information.	B	functional	---	---	none	04.11.03
MSS-79680	The MSS BAAS General Ledger (GL) function provide a trial balance sheet.	B	functional	---	---	none	04.11.03
MSS-79690	The MSS BAAS General Ledger (GL) function shall provide end-of-period reports (e.g., end-of-month, end-of-quarter, end-of-year).	B	functional	---	---	none	04.11.03
MSS-79700	The MSS BAAS Cost Accounting function shall have the capability to receive product cost information from the MMO.	B	interface	MMO	MSS	none	04.11.03
MSS-79750	The MSS BAAS Cost Accounting function shall maintain authorized billing algorithms to value products and services, and the cost of serving users.	B	functional	---	---	none	04.11.03
MSS-79760	The MSS BAAS Cost Accounting function shall provide a trail to assign identifiable sources to all costs.	B	functional	---	---	none	04.11.03
MSS-79780	The MSS BAAS Cost Accounting function shall provide the capability to assign costs to processes using authorized cost algorithms.	B	functional	---	---	none	04.11.03
MSS-79790	The MSS BAAS Cost Accounting function shall provide the capability to assign costs to ECS products using authorized cost algorithms.	B	functional	---	---	none	04.11.03
MSS-79800	The MSS BAAS Cost Accounting function shall provide the capability to assign costs to serve different users.	B	functional	---	---	none	04.11.03
MSS-79810	The MSS BAAS Cost Accounting function shall provide the capability to establish historical accounts of costs assigned to individual users.	B	functional	---	---	none	04.11.03
MSS-79820	The MSS BAAS Cost Accounting function shall provide the capability to establish historical accounts of costs assigned to user groups.	B	functional	---	---	none	04.11.03
MSS-79830	The MSS BAAS Cost Accounting function shall provide the capability to establish historical accounts to track the costs assigned to different processes.	B	functional	---	---	none	04.11.03
MSS-79840	The MSS BAAS Cost Accounting function shall have the capability to receive resource and product utilization information from the ECS Management Database to track costs to identifiable and quantifiable sources.	B	functional	---	---	none	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-79850	The MSS BAAS Cost Accounting function shall have the capability to access resource and product utilization information from the ECS Management Database to determine costs consumed to serve different users.	B	functional	---	---	none	04.11.03
MSS-79860	The MSS BAAS Cost Accounting function shall have the capability to access resource and product utilization information from the ECS Management Database to enable ECS to allocate costs to different processes and products.	B	functional	---	---	none	04.11.03
MSS-79870	The MSS BAAS Cost Accounting function shall provide reports identifying the costs incurred by ECS in support of its activities.	B	functional	---	---	none	04.11.03
MSS-79880	The MSS BAAS Cost Accounting function shall provide reports assigning costs to identifiable sources.	B	functional	---	---	none	04.11.03
MSS-79890	The MSS BAAS Cost Accounting function shall provide reports identifying costs traceable to particular science users/groups.	B	functional	---	---	none	04.11.03
MSS-79900	The MSS BAAS Reporting function shall provide standard automated financial statements and summary reports.	B	functional	---	---	none	04.11.03
MSS-79930	The MSS BAAS Reporting function shall report data in accordance with accounting standards recommended by the Federal Accounting Standards Advisory Board (FASAB) and issued by the Director of OMB.	B	functional	---	---		04.11.03
MSS-79940	The MSS BAAS Reporting function shall support the following report formats a. hard copy b. on-line inquiries c. extract data files d. disk	B	functional	---	---	none	04.11.03
MSS-79960	The MSS BAAS Reporting function shall maintain prior periods reporting data for future consultation and comparative analysis.	B	functional	---	---	none	04.11.03
MSS-79970	The MSS BAAS Reporting function shall provide the capability for the reformatting of reports to tailor a report to a user's specific needs.	B	functional	---	---	none	04.11.03
MSS-79980	The MSS BAAS Reporting function shall allow the transfer of information to other applications outside of the Billing/Accounting Application Service (BAAS).	B	functional	---	---	none	04.11.03
MSS-92010	The MSS Report Generation Service shall be capable of generating standard and ad-hoc reports and queries on all or portions of the management and related data maintained in the management database.	B	functional	---	---	none	04.11.03
MSS-92020	The MSS Report Generation Service shall provide a Motif based GUI workbench for use by database specialist M&O staff in generating standard and ad-hoc reports and queries.	B	functional	---	---		04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-92030	The MSS Report Generation Service shall provide an HTML based user interface for use by non-database specialists on the M&O staff in requesting standard reports.	B	functional	---	---		04.11.03
MSS-92040	The MSS Report Generation Service shall be capable of outputting generated reports to the user's console, a file, or a printer	B	functional	---	---	none	04.11.03
MSS-92050	The MSS Report Generation Service shall be capable of outputting report query results to a file in a tabular format which can be imported by analysis tools such as spreadsheets	B	functional	---	---	none	04.11.03
MSS-92060	The MSS Report Generation Service shall be capable of outputting reports to a file in an HTML compatible format.	B	functional	---	---	none	04.11.03
MSS-92070	The MSS Report Generation Service shall be capable of generating an Enhancement Proposal Status Report containing the status of proposed enhancements including: a. name b. description c. rationale d. impacts e. cost to implement f. implementation milestone schedule	B	functional	---	---	Performance	04.11.03
MSS-92080	The MSS Report Generation Service shall be capable of generating a Routine Data Production Performance Detail Report itemizing scheduled vs actual times for data collection, processing, retrieval and delivery along with: a. reason for schedule variance b. data quality c. user feedback	B	functional	---	---	Performance	04.11.03
MSS-92090	The MSS Report Generation Service shall be capable of generating a Routine Data Production Performance Summary Report containing statistical rollups of scheduled vs actual deviations, data quality, and user feedback for data collection, processing, retrieval, and delivery of routine production data.	B	functional	---	---	Performance	04.11.03
MSS-92100	The MSS Report Generation Service shall be capable of generating a User Requested Data Production Performance Detail Report containing scheduled vs actual times for data collection, processing, retrieval and delivery along with: a. reason for schedule variance b. data quality c. user feedback	B	functional	---	---	Performance	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-92110	The MSS Report Generation Service shall be capable of generating a User Requested Data Production Performance Summary Report containing statistical rollups of scheduled vs actual deviations, data quality, and user feedback for data collection, processing, retrieval, and delivery of routine production data	B	functional	---	---	Performance	04.11.03
MSS-92120	The MSS Report Generation Service shall be capable of generating a Ground Operations Activity Performance Detail Report containing scheduled vs actual times for ground events such as maintenance, training, reconfiguration. The report shall detail: a. reason for schedule variance b. user feedback	B	functional	---	---	Performance	04.11.03
MSS-92130	The MSS Report Generation Service shall be capable of generating a Ground Operations Event Performance Summary Report containing statistical rollups of scheduled vs actual deviations for ground events such as maintenance, testing, reconfiguration.	B	functional	---	---	Performance	04.11.03
MSS-92140	The MSS Report Generation Service shall be capable of generating a Product Generation Status Detail Report containing the status of all product processing/reprocessing and storage.	B	functional	---	---	Performance	04.11.03
MSS-92150	The MSS Report Generation Service shall be capable of generating a Product Generation Status Summary Report containing the percent distribution of product generation work within each processing state.	B	functional	---	---	Performance	04.11.03
MSS-92160	The MSS Report Generation Service shall be capable of generating a Resource Performance Report containing: a. Availability b. Reason for downtime c. Utilization d. Indication of compliance with performance criteria. e. Short and long term trend analysis and capacity planning results	B	functional	---	---	Performance	04.11.03
MSS-92170	The MSS Report Generation Service shall be capable of generating a CPU Load Report graphically depicting the average number of jobs in the run queue over the last 1, 5, and 15 minute period for each selected node.	B	functional	---	---	Performance (Openview)	04.11.03
MSS-92180	The MSS Report Generation Service shall be capable of generating an Interface Traffic Report graphically plotting network packet statistics in real-time for the operator selected SNMP node(s).	B	functional	---	---	Performance (Openview)	04.11.03
MSS-92190	The MSS Report Generation Service shall be capable of generating an Ethernet Traffic Report graphically plotting network packet statistics in real-time for the operator selected SNMP node(s).	B	functional	---	---	Performance (Openview)	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-92200	The MSS Report Generation Service shall be capable of generating an SNMP Traffic Report graphically plotting network packet statistics in real-time for the operator selected SNMP node(s).	B	functional	---	---	Performance (Openview)	04.11.03
MSS-92210	The MSS Report Generation Service shall be capable of generating an SNMP Operations Report graphically plotting the number of selected SNMP operations/sec requested to be performed by the SNMP agent on the selected node(s).	B	functional	---	---	Performance (Openview)	04.11.03
MSS-92220	The MSS Report Generation Service shall be capable of generating a Site Host Resource Utilization Report indicating minimum/average/maximum measured percent usage of host CPU and memory resources and disk reads and writes over the report interval.	B	functional	---	---	Performance	04.11.03
MSS-92230	The MSS Report Generation Service shall be capable of generating a SMC Host Resource Utilization Report indicating minimum/average/maximum measured percent usage of SMC host CPU and memory resources and disk reads and writes over the report interval.	B	functional	---	---	Performance	04.11.03
MSS-92240	The MSS Report Generation Service shall be capable of generating a Disk Space Report which lists the file system space available on a selected managed host node.	B	functional	---	---	Performance (Openview)	04.11.03
MSS-92250	The MSS Report Generation Service shall be capable of generating a User Service Performance Report containing summary and detailed analysis of user feedback including: a. User information b. Type of transaction c. Satisfaction statistics d. User recommendations e. SMC recommendations	B	functional	---	---	Performance	04.11.03
MSS-92260	The MSS Report Generation Service shall be capable of generating a Data Distribution Performance Report listing time a request received, assigned, processed, verified, and delivered and variances from nominal.	B	functional	---	---	Performance	04.11.03
MSS-92270	The MSS Report Generation Service shall be capable of generating a Media Distribution Profile Report containing the statistical distribution of routine and user-requested products by electronic means and physical media type over the reporting period.	B	functional	---	---	Performance	04.11.03
MSS-92280	The MSS Report Generation Service shall be capable of generating a Data Orders Tracking Summary Report containing summary statistics on product order request dispositions over the reporting period.	B	functional	---	---	Performance	04.11.03
MSS-92290	The MSS Report Generation Service shall be capable of generating a Data Products Tracking Summary Report containing statistics on distribution of dataset orders by dataset type.	B	functional	---	---	Performance	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-92300	The MSS Report Generation Service shall be capable of generating a Returned Product Summary Report containing summary list of product returns with reason, cost, site action, and current status.	B	functional	---	---	Performance	04.11.03
MSS-92310	The MSS Report Generation Service shall be capable of generating a Fault Management Report containing summary and detailed information on fault management of ground resources including: a. Fault type and description b. Time of fault occurrence c. Effect of fault on system d. Status of fault resolution e. Fault statistics	B	functional	---	---	Fault	04.11.03
MSS-92320	The MSS Report Generation Service shall be capable of generating a Trouble Status Report containing statistics on the number of trouble tickets opened, closed, and in work at a site and the average time to close a trouble ticket over the reporting period.	B	functional	---	---	Fault	04.11.03
MSS-92330	The MSS Report Generation Service shall be capable of generating an Ethernet Errors Report graphically depicting Ethernet error statistics for a selected node in real-time.	B	functional	---	---	Fault (Openview)	04.11.03
MSS-92340	The MSS Report Generation Service shall be capable of generating an SNMP Errors report graphically depicting SNMP error statistics in real-time for the selected network nodes.	B	functional	---	---	Fault (Openview)	04.11.03
MSS-92350	The MSS Report Generation Service shall be capable of generating an SNMP Authentication Failures Report listing the management systems that caused an authentication failure on the operator selected node(s).	B	functional	---	---	Fault (Openview)	04.11.03
MSS-92360	The MSS Report Generation Service shall be capable of generating an SNMP Event Log Report containing a chronological list of SNMP events which occurred over the report interval for the selected node(s).	B	functional	---	---	Fault (Openview)	04.11.03
MSS-92370	The MSS Report Generation Service shall be capable of generating a Site Host Errors Report containing a statistical summary of the types of errors logged at each host at a site over the reporting period.	B	functional	---	---	Fault (Openview)	04.11.03
MSS-92380	The MSS Report Generation Service shall be capable of generating an EMC Host Errors Report containing a statistical summary of the types of errors logged at each site over the reporting period.	B	functional	---	---	Accountability	04.11.03
MSS-92390	The MSS Report Generation Service shall be capable of generating a Ground Resource Availability Audit Report itemizing the occurrence of each resource outage, the reason for the outage, the duration, and the availability over the report interval.	B	functional	---	---	Accountability	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-92400	The MSS Report Generation Service shall be capable of generating a Data Accountability Audit Report tracing a data item's status changes/ accesses over the reporting interval.	B	functional	---	---	Accountability	04.11.03
MSS-92410	The MSS Report Generation Service shall be capable of generating a Pending Service Request Audit Report tracing processing events for requests currently in-progress.	B	functional	---	---	Accountability	04.11.03
MSS-92420	The MSS Report Generation Service shall be capable of generating a User Activity Audit Report tracing a user's activity during a logon including products requested and files accessed.	B	functional	---	---	Accountability	04.11.03
MSS-92430	The MSS Report Generation Service shall be capable of generating a Security Audit Report.	B	functional	---	---	Accountability	04.11.03
MSS-92440	The MSS Report Generation Service shall be capable of generating a User Characterization Report containing user statistical summary information on number of new/ repeat accesses and summary information by product interest, mode of access, and affiliation.	B	functional	---	---	Accountability	04.11.03
MSS-92450	The MSS Report Generation Service shall be capable of generating a System Access Profile Report containing statistics on distribution of user accesses by system service type over the selected reporting interval.	B	functional	---	---	Accountability	04.11.03
MSS-92460	The MSS Report Generation Service shall be capable of generating a Utilization of User Services Personnel Summary Report depicting the distribution of user services requests by request type and method of contact over the report interval.	B	functional	---	---	Accountability	04.11.03
MSS-92470	The MSS Report Generation Service shall be capable of generating a Storage Management Activity Report containing a list of storage management events for the selected start/stop time, intermediate operation, request ID, and staging resource.	B	functional	---	---	Accountability	04.11.03
MSS-92480	The MSS Report Generation Service shall be capable of generating a Storage Management Inventory Update Report containing the log of storage management inventory update events for the selected reporting period.	B	functional	---	---	Accountability	04.11.03
MSS-92490	The MSS Report Generation Service shall be capable of generating an Ingest History Report containing the log of ingest events selected by start/stop time, external data provider, data type identifier, and request status.	B	functional	---	---	Accountability	04.11.03
MSS-92500	The MSS Report Generation Service shall be capable of generating an Ingest Error Report containing the log of ingest error events for the reporting period.	B	functional	---	---	Accountability	04.11.03
MSS-92510	The MSS Report Generation Service shall be capable of generating a Processing Log Report containing the log of product processing events selected by start/stop time, data type identifier, and processing status.	B	functional	---	---	Accountability	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-92520	The MSS Report Generation Service shall be capable of generating a Production and Data Processing Request Status Report containing the list of pending production and user-requested product data processing requests.	B	functional	---	---	Accountability	04.11.03
MSS-92530	The MSS Report Generation Service shall be capable of generating a Planning Workload and Processing Turn-Around Report.	B	functional	---	---	Accountability	04.11.03
MSS-92540	The MSS Report Generation Service shall be capable of generating a Planning Management Report.	B	functional	---	---	Finance	04.11.03
MSS-92550	The MSS Report Generation Service shall be capable of generating an Account Authorization Report containing authorized resource usage and current balance by user/ group.	B	functional	---	---	Finance	04.11.03
MSS-92560	The MSS Report Generation Service shall be capable of generating a Service Cost Schedule Report containing resource usage cost by service offered.	B	functional	---	---	Finance	04.11.03
MSS-92570	The MSS Report Generation Service shall be capable of generating a Standard Product Cost Schedule Report containing end to end cost accounting information by standard product.	B	functional	---	---	Finance	04.11.03
MSS-92580	The MSS Report Generation Service shall be capable of generating an Accounts Payable Report by user/ group	B	functional	---	---	Finance	04.11.03
MSS-92590	The MSS Report Generation Service shall be capable of generating an Accounts Receivable Report by user/group	B	functional	---	---	Finance	04.11.03
MSS-92600	The MSS Report Generation Service shall be capable of generating a Functional Allocation Report containing current assignment of: a. standard product generation/ storage responsibility to a segment/ element b. assignment of science instrument support to an ICC	B	functional	---	---	CM	04.11.03
MSS-92610	The MSS Report Generation Service shall be capable of generating a Configuration Status Report noting the operational status of all H/W, system S/W and science S/W with a reason why an item is not currently operational	B	functional	---	---	CM	04.11.03
MSS-92620	The MSS Report Generation Service shall be capable of generating a System Information Report for a selected managed object containing name, description, contact person, location, and system object identification.	B	functional	---	---	CM	04.11.03
MSS-92630	The MSS Report Generation Service shall be capable of generating an SNMP Event Notification report identifying the IP address(es) of the management system(s) to which the selected node is configured to send SNMP events.	B	functional	---	---	CM	04.11.03
MSS-92640	The MSS Report Generation Service shall be capable of generating an Indentured Level of Assembly List Report for all managed configuration items (CIs).	B	functional	---	---	CM	04.11.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
MSS-92650	The MSS Report Generation Service shall be capable of generating a Document Configuration Status Report containing the identity and status of documents associated with ECS resources.	B	functional	---	---	CM	04.11.03
MSS-92660	The MSS report generation service shall be capable of generating a System Configuration Tracking Report noting the migration of upgrades into the operational environment.	B	functional	---	---	CM	04.11.03
MSS-92670	The MSS Report Generation Service shall be capable of generating a Maintenance Schedule Report on H/W, system S/W and science S/W indicating the type of maintenance (i.e, routine, non-routine and upgrade)	B	functional	---	---	CM	04.11.03
MSS-92680	The MSS Report Generation Service shall be capable of generating a Training Program Report containing a. Training programs b. Training schedules c. Training course contents d. Training course locations e. Training attendees	B	functional	---	---	CM	04.11.03
MSS-92690	The MSS Report Generation Service shall be capable of generating an Inventory Status Report containing summary and detailed status information on H/W, system S/W and science S/W and listing spares and consumables status at sites.	B	functional	---	---	CM	04.11.03
MSS-92700	The MSS Report Generation Service shall be capable of generating a Security Compromise Report listing occurrences of login failures, unauthorized accesses, breakins, viruses and worms indicating time, cause, impact, resolution status, and results of security compromise risk analysis.	B	functional	---	---	Security	04.11.03
MSS-92710	The MSS Report Generation Service shall be capable of generating a Security Compromise Statistics Report containing cumulative frequency of violation occurrence statistics by type, site, day of week, and successful/failure.	B	functional	---	---	Security	04.11.03
MSS-92720	The MSS Report Generation Service shall be capable of generating a Virus Detection Report containing statistics on detected viruses/worms in the selected network nodes and actions taken.	B	functional	---	---	Security	04.11.03
CLS-00150	The DESKT CI shall provide container desktop objects.	B	functional	---	---	none	04.02.03
CLS-00160	The DESKT CI shall provide document desktop objects.	B	functional	---	---	none	04.02.03
CLS-00170	The DESKT CI shall provide application desktop objects.	B	functional	---	---	none	04.02.03
CLS-00180	The DESKT CI shall provide users the capability to execute software associated with a desktop object.	B	functional	---	---	none	04.02.03
CLS-00190	The DESKT CI shall provide users the capability to create desktop objects.	B	functional	---	---	none	04.02.03
CLS-00200	The DESKT CI shall provide users the capability to destroy desktop objects.	B	functional	---	---	none	04.02.03
CLS-00210	The DESKT CI shall provide users the capability to open desktop objects.	B	functional	---	---	none	04.02.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-00220	The DESKT CI shall provide users the capability to copy the reference to objects for a desktop object.	B	functional	---	---	none	04.02.03
CLS-00230	The DESKT CI shall provide users the capability to copy a desktop object.	B	functional	---	---	none	04.02.03
CLS-00240	The DESKT CI shall provide users the capability to deep copy a desktop object.	B	functional	---	---	none	04.02.03
CLS-00250	The DESKT CI shall provide users the capability to move desktop objects.	B	functional	---	---	none	04.02.03
CLS-00260	The DESKT CI shall provide users the capability to obtain desktop object data associated with desktop objects.	B	functional	---	---	none	04.02.03
CLS-00270	The DESKT CI shall provide users the capability to update desktop object data associated with desktop objects.	B	functional	---	---	none	04.02.03
CLS-00280	The DESKT CI shall provide users the capability to list the available services associated with any desktop object.	B	functional	---	---	none	04.02.03
CLS-00290	The DESKT CI shall provide users the capability to bind a service to a desktop object.	B	functional	---	---	none	04.02.03
CLS-00295	The DESKT CI shall provide users the capability to unbind a service from a desktop object.	B	functional	---	---	none	04.02.03
CLS-00300	The DESKT CI shall provide users the capability to invoke any service bound to a desktop object.	B	functional	---	---	none	04.02.03
CLS-00310	The DESKT CI shall provide users the capability to generate an exchangeable (i.e., file based) form for desktop objects.	B	functional	---	---	none	04.02.03
CLS-00320	The DESKT CI shall provide users the capability to generate a desktop object from an externalized (i.e., file-based) format.	B	functional	---	---	none	04.02.03
CLS-00330	The DESKT CI shall provide users the capability to add desktop objects to container objects.	B	functional	---	---	none	04.02.03
CLS-00340	The DESKT CI shall provide users the capability to remove desktop objects from container objects.	B	functional	---	---	none	04.02.03
CLS-00350	The DESKT CI shall provide users the capability to iteratively apply operations to each of the objects in a desktop container.	B	functional	---	---	none	04.02.03
CLS-00360	The DESKT CI shall provide users the capability to search container objects for objects which satisfy a user specified Search Criteria.	B	functional	---	---	none	04.02.03
CLS-00370	The DESKT CI shall provide users the capability to browse the objects contained in container objects.	B	functional	---	---	none	04.02.03
CLS-00380	The DESKT CI shall provide users the capability to display on a continuous basis the objects contained in container objects.	B	functional	---	---	none	04.02.03
CLS-00390	The DESKT CI shall provide the capability to iconically represent desktop objects.	B	functional	---	---	none	04.02.03
CLS-00400	The DESKT CI shall provide the capability to textually represent desktop objects.	B	functional	---	---	none	04.02.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-00410	The DESKT CI shall provide the users the capability to list object types supported by a specific application or service class.	B	functional	---	---	none	04.02.03
CLS-00420	The DESKT CI shall provide the users the capability to list applications or service classes supported by a specific object type.	B	functional	---	---	none	04.02.03
CLS-00430	The DESKT CI shall provide the users the capability to add applications or services supported by a specific object type.	B	functional	---	---	none	04.02.03
CLS-00440	The DESKT CI shall provide the users the capability to remove applications or services supported by a specific object type.	B	functional	---	---	none	04.02.03
CLS-00450	The DESKT CI shall provide users the capability to install an application interface (i.e., an application and its parameterized interface description).	B	functional	---	---	none	04.02.03
CLS-00460	The DESKT CI shall provide users the capability to remove an application interface.	B	functional	---	---	none	04.02.03
CLS-00470	The DESKT CI shall provide users the capability to obtain the attributes associated with an application interface.	B	functional	---	---	none	04.02.03
CLS-00490	The DESKT CI shall provide users the capability to modify the attributes associated with an application interface.	B	functional	---	---	none	04.02.03
CLS-00640	The DESKT CI shall provide users the capability to obtain a description of the interaction between the Workbench and specified tools.	B	functional	---	---	none	04.02.03
CLS-00790	The DESKT CI shall provide users the capability to transition from the user session currently active on the desktop to another user session, by means of a single mouse click.	B	functional	---	---	none	04.02.03
CLS-01360	The DESKT CI shall provide users the capability to mail desktop objects	B	functional	---	---	none	04.02.03
CLS-01450	Desktop objects shall utilize a <TBD> external format.	B	functional	---	---	none	04.02.03
CLS-01460	Desktop object references shall be in <TBD> format.	B	functional	---	---	none	04.02.03
CLS-01480	The DESKT CI shall utilize an X-windows windowing interface for the GUI.	B	functional	---	---	none	04.02.03
CLS-01500	The DESKT CI user interface shall conform to the guidelines in Version 4.0 of the ECS User Interface Style Guide (June 1, 1994).	B	standards	---	---	none	04.02.03
CLS-01550	The DESKT CI shall provide the user the capability to copy ECS services onto his desktop, iconize them, and save them as desktop objects.	B	functional	---	---	none	04.02.03
CLS-01555	The DESKT CI shall have capability to prompt user for confirmation when a user attempts addition, modification or deletion of an object.	B	functional	---	---	New L4	04.02.03
CLS-01560	The DESKT CI shall provide the user the capability to access a service via the previously saved desktop object representing that service.	B	functional	---	---	none	04.02.03
CLS-10010	The WKBCH CI shall provide the capability for users to compose Search Requests based on product specific and core metadata attributes.	B	functional	---	---	none	04.02.04
CLS-10070	The WKBCH CI shall support point-and-radius criteria for query of geographic Metadata by text and graphical input.	B	functional	---	---	none	04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-10075	The WKBCH CI shall support point criteria for query of geographic Metadata by text and graphical input.	B	functional	---	---	Modified from July L4 workshop.	04.02.04
CLS-10080	The WKBCH CI shall support polygonal coordinate criteria for query of geographic Metadata by graphical input.	B	functional	---	---	none	04.02.04
CLS-10090	The WKBCH CI shall support query of geographic Metadata by geographic name by text input.	B	functional	---	---	none	04.02.04
CLS-10130	The WKBCH CI shall provide users the capability to use boolean operators to relate query parameters for geographic and non-geographic Metadata.	B	functional	---	---	none	04.02.04
CLS-10140	The WKBCH CI shall support wildcard construct (prefix, embedded, suffix) matching criteria for query of non-geographic Metadata.	B	functional	---	---	none	04.02.04
CLS-10150	The WKBCH CI shall support character range matching criteria for query of non-geographic Metadata.	B	functional	---	---	none	04.02.04
CLS-10160	The WKBCH CI shall support logical and boolean operators matching criteria for query of non-geographic Metadata.	B	functional	---	---	none	04.02.04
CLS-10170	The WKBCH CI shall support min/max range Search Criteria for query of numerical non-geographic Metadata.	B	functional	---	---	none	04.02.04
CLS-10180	The WKBCH CI shall support any combination of exact word match, exact phrase match, character set, wildcard, character range, logical and boolean operator, and min/max range Search Criteria for query of non-geographic Metadata.	B	functional	---	---	none	04.02.04
CLS-10190	The WKBCH CI shall provide the capability for users to compose searches across multiple data sets for coincident occurrences of data in space, time, or any other searchable Metadata attribute(s).	B	functional	---	---	Modification by adding "searchable".	04.02.04
CLS-10200	The WKBCH CI shall provide users the capability to search and view a products processing history.	B	functional	---	---		04.02.04
CLS-10210	The WKBCH CI shall provide users the capability to search for Science Processing Library holdings	B	functional	---	---		04.02.04
CLS-10220	The WKBCH CI shall allow users to formulate a Data Request based on the results of searching the inventory core metadata attributes and inventory product specific metadata attributes.	B	functional	---	---		04.02.04
CLS-10230	The WKBCH CI shall provide the capability for users to preview billing costs for non-EOSDIS Data Products prior to Data Request submission.	B	functional	---	---		04.02.04
CLS-10240	The WKBCH CI shall provide the capability for users to request subsetted, subsampled, and summary products.	B	functional	---	---		04.02.04
CLS-10250	The WKBCH CI shall automatically provide the user an estimate of how long it will take before products are ready for delivery.	B	functional	---	---		04.02.04
CLS-10260	The WKBCH CI shall provide the capability for users to issue Data Requests for Data Products that are generated on demand.	B	functional	---	---		04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-10280	The WKBCH CI shall provide users the capability to create, cancel, renew, update and list the contents of Subscriptions, including standing requests.	B	functional	---	---		04.02.04
CLS-10310	The WKBCH CI shall provide users the capability of positioning the cursor by entering an image X,Y coordinate.	B	functional	---	---		04.02.04
CLS-10320	The WKBCH CI shall provide users the option to display Latitude/Longitude pairs as symbols, displayed in their proper geolocation on all visualizations produced by the WKBCH CI.	B	functional	---	---		04.02.04
CLS-10460	The WKBCH CI shall provide users Lat/Long lists for the production of built-in vector overlays as part of the application.	B	functional	---	---		04.02.04
CLS-10470	The WKBCH CI shall provide users the capability to display browse information in vector graphic format.	B	functional	---	---		04.02.04
CLS-10480	The WKBCH CI shall provide the capability of displaying ECS supported visualization data as a series of lineplots.	B	functional	---	---		04.02.04
CLS-10490	The WKBCH CI shall provide the capability of displaying a horizontal or vertical profile through a pseudocolor image.	B	functional	---	---		04.02.04
CLS-10500	The WKBCH CI shall provide the capability of displaying multi-dimensional arrays of data as a series of two-dimensional pseudocolor images.	B	functional	---	---		04.02.04
CLS-10510	The WKBCH CI shall provide the capability of importing color palettes.	B	functional	---	---		04.02.04
CLS-10520	The WKBCH CI shall provide the capability for modifying the color palette.	B	functional	---	---		04.02.04
CLS-10530	The WKBCH CI shall provide the capability of modifying the pseudocolor mapping by changing the data min/max values.	B	functional	---	---		04.02.04
CLS-10540	The WKBCH CI shall provide the capability of modifying the pseudocolor mapping by adaptive equalization.	B	functional	---	---		04.02.04
CLS-10550	The WKBCH CI shall provide users the capability of calculating summarizing statistics of multi-dimensional arrays of EOS data.	B	functional	---	---		04.02.04
CLS-10560	The WKBCH CI shall provide the capability of calculating summarizing statistics of user-selected columns from tables of values of EOS data.	B	functional	---	---		04.02.04
CLS-10570	The WKBCH CI shall produce visualizations of images needed for QA, validation, Algorithm development, calibration functions, parameter verification and anomaly detection.	B	functional	---	---		04.02.04
CLS-10580	The WKBCH CI shall produce visualizations of multi-dimensional arrays needed for QA, Validation, Algorithm development, calibration functions, parameter verification and anomaly detection.	B	functional	---	---		04.02.04
CLS-10590	The WKBCH CI shall produce visualizations of tables of numbers needed for QA, Validation, Algorithm development, calibration functions, parameter verification and anomaly detection.	B	functional	---	---		04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-10600	The WKBCH CI shall display the Latitude and Longitude coordinates of the cursor, when the cursor is inside an EOS Grid array.	B	functional	---	---		04.02.04
CLS-10610	The WKBCH CI shall provide users the capability of positioning the cursor by entering a Latitude/Longitude value.	B	functional	---	---		04.02.04
CLS-10615	The WKBCH CI shall provide users the capability of positioning the cursor by entering instrument scan line.	B	functional	---	---		04.02.04
CLS-10630	The system shall provide users a Training Option	B	functional	---	---		04.02.04
CLS-10640	The Training option shall consist of simulated user sessions for identifying, searching for and obtaining data and services.	B	functional	---	---		04.02.04
CLS-10730	The WKBCH CI shall provide users the capability to search data dictionary information to obtain the precise definitions of terms used within ECS.	B	functional	---	---		04.02.04
CLS-10770	The WKBCH CI shall support hierarchical searching of documents in HTML format.	B	functional	---	---		04.02.04
CLS-10860	The WKBCH CI shall provide users the capability to display processing schedules.	B	functional	---	---		04.02.04
CLS-10870	The WKBCH CI shall provide users the capability to display data acquisition plans and schedules.	B	functional	---	---		04.02.04
CLS-10880	The WKBCH CI shall provide users the capability to display documentation on data formats and Metadata standards.	B	functional	---	---		04.02.04
CLS-10890	The WKBCH CI shall provide users the capability to display ESDIS Project Policies and Procedures.	B	functional	---	---		04.02.04
CLS-10930	The WKBCH CI shall provide users the capability to search inventory based on any combination of the inventory core metadata attributes and inventory product specific metadata attributes.	B	functional	---	---		04.02.04
CLS-10950	The WKBCH CI shall provide the capability for users to submit Subscription Requests for periodic delivery of data described by Advertisements.	B	functional	---	---		04.02.04
CLS-10970	The WKBCH CI shall provide the capability for the user to request standard product software and associated documentation to be distributed on-line.	B	functional	---	---		04.02.04
CLS-10980	The WKBCH CI shall provide the capability for the user to request standard product software and associated documentation to be distributed off-line (i.e. media).	B	functional	---	---		04.02.04
CLS-11000	The WKBCH CI shall provide the capability to submit Subscription Requests for on-demand processing of ECS data by pre-existing processes.	B	functional	---	---		04.02.04
CLS-11010	The WKBCH CI shall automatically provide the capability to confirm or reject a Data Request.	B	functional	---	---		04.02.04
CLS-11020	The WKBCH CI shall provide users Data Request Status at the conclusion of the processing of a Data Requests.	B	functional	---	---		04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-11030	The WKBCH CI shall provide the capability for users to determine reprocessing status of products which are being reprocessed.	B	functional	---	---		04.02.04
CLS-11040	The WKBCH CI shall provide users the capability to obtain Search Request Status during the processing of a Search Request initiated by the user.	B	functional	---	---	Fix wording of exiting requirement, and add trace	04.02.04
CLS-11050	The WKBCH CI shall provide users the capability to obtain and review User Session Logs for their own sessions.	B	functional	---	---		04.02.04
CLS-11060	The WKBCH CI shall provide science users the capability to obtain Distribution Request Status for user-initiated Distribution Requests.	B	functional	---	---		04.02.04
CLS-11080	The WKBCH CI shall provide the capability for users to obtain their current account balance.	B	functional	---	---		04.02.04
CLS-11090	The WKBCH CI shall provide users the capability to display their account history.	B	functional	---	---	Fix wording of existing requirement, and add trace	04.02.04
CLS-11100	The WKBCH CI shall accept from the users user feedback information, on product data quality assessment and output it to the SMC.	B	interface	---	---		04.02.04
CLS-11110	The WKBCH CI shall accept from the users user feedback information, on schedule performance assessment and output it to the SMC.	B	interface	---	---		04.02.04
CLS-11120	The WKBCH CI shall accept from the users user feedback information, on ECS service quality evaluation and output it to the SMC.	B	interface	---	---		04.02.04
CLS-11130	The WKBCH CI shall provide the capability for authorized users to construct and submit Production Requests.	B	functional	---	---		04.02.04
CLS-11140	The WKBCH CI shall provide the capability for users to update Distribution Requests prior to the shipment of Data.	B	functional	---	---		04.02.04
CLS-11150	The WKBCH CI shall provide product delay notification to users to notify them when products will not be distributed within the estimated time.	B	functional	---	---		04.02.04
CLS-11160	The WKBCH CI shall provide authorized users the capability to request priority processing of Production Requests.	B	functional	---	---		04.02.04
CLS-11170	The WKBCH CI shall display to users a processing status message to confirm or reject a Production Request.	B	functional	---	---		04.02.04
CLS-11190	The WKBCH CI shall provide the capability for users to submit a Conflict Adjudication Request to the SMC, in the event a processing conflict cannot be resolved between the SDSRV CI, the science user, and the Data Processing Subsystem.	B	functional	---	---		04.02.04
CLS-11200	The WKBCH CI shall provide users a Conflict Adjudication Response from the SMC after submitting a Conflict Adjudication Request.	B	functional	---	---		04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-11210	The WKBCH CI shall provide users a Notification when requests for data processing will not be completed within the estimated time.	B	functional	---	---		04.02.04
CLS-11220	The WKBCH CI shall provide the capability for users to issue Production Requests for the ad-hoc processing of subsetted, subsampled, and summary products based on geographical location (x, y, z - spatial with rectangular boundaries).	B	functional	---	---		04.02.04
CLS-11230	The WKBCH CI shall provide the capability for users to issue Production Requests for the ad-hoc processing of subsetted, subsampled, and summary products based on spectral band.	B	functional	---	---		04.02.04
CLS-11240	The WKBCH CI shall provide the capability for users to issue Production Requests for the ad-hoc processing of subsetted, subsampled, and summary products based on time.	B	functional	---	---		04.02.04
CLS-11250	The WKBCH CI shall provide a capability to submit Subscription Requests for the distribution of ECS data.	B	functional	---	---		04.02.04
CLS-11260	The WKBCH CI shall provide the capability for users to update Subscriptions for the distribution of ECS data.	B	functional	---	---		04.02.04
CLS-11270	The WKBCH CI shall provide users the capability to terminate their Subscriptions for on demand processing.	B	functional	---	---		04.02.04
CLS-11280	The WKBCH CI shall provide users the capability to modify their Subscriptions for on demand processing.	B	functional	---	---		04.02.04
CLS-11285	The WKBCH CI shall provide users the capability to create documents in HTML format.	B	functional	---	---		04.02.04
CLS-11290	The WKBCH CI shall provide a capability to translate user input Search Criteria into ECS internal query language.	B	functional	---	---		04.02.04
CLS-12070	The WKBCH CI shall provide a GUI interface with capability to save and restore the contents of data search and order forms.	B	functional	---	---		04.02.04
CLS-12110	The WKBCH CI shall provide a GUI interface with a command language.	B	functional	---	---	Command language supports batch capabilities	04.02.04
CLS-12480	The WKBCH CI shall provide the capability to request any of the services available for the individual items in the output of a Metadata search.	B	functional	---	---		04.02.04
CLS-12500	The WKBCH CI shall provide users an interface to APIs for use in non-interactive remote user sessions.	B	functional	---	---		04.02.04
CLS-12530	The WKBCH CI shall provide users the capability to simultaneously view Search Results and Production Requests.	B	functional	---	---		04.02.04
CLS-12540	The WKBCH CI shall support multiple concurrent user sessions.	B	functional	---	---		04.02.04
CLS-12550	The WKBCH CI shall support multiple concurrent Service Requests.	B	functional	---	---		04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-12560	The WKBCH CI shall provide the capability to save information selected in prior Metadata searches for use in subsequent Service Requests.	B	functional	---	---		04.02.04
CLS-12570	The WKBCH CI shall provide users interactive user sessions.	B	functional	---	---		04.02.04
CLS-12580	The WKBCH CI shall provide a user session management capability to transition between user sessions.	B	functional	---	---		04.02.04
CLS-12670	The WKBCH CI shall provide users the capability to enable the logging of Service Requests, Service Request Status, and Notifications to the User Session Log.	B	functional	---	---		04.02.04
CLS-12680	The WKBCH CI shall provide users the capability to disable logging to the User Session Log.	B	functional	---	---		04.02.04
CLS-12690	The WKBCH CI shall provide users the capability to replay the User Session Log.	B	functional	---	---		04.02.04
CLS-12700	The WKBCH CI shall provide users the capability to obtain information about all their user sessions.	B	functional	---	---		04.02.04
CLS-12720	The WKBCH CI shall provide users the capability to rebuild a user session context.	B	functional	---	---		04.02.04
CLS-12730	The WKBCH CI shall be able to accept Notifications of events associated with Service Requests or sessions	B	functional	---	---		04.02.04
CLS-12740	The WKBCH CI shall be able to display such event Notifications to the user and accept input from the user where these events require instructions from the user, e.g., when a request exceeds a client specified threshold, and provide such feedback to the service which sent the event..	B	functional	---	---		04.02.04
CLS-12760	The WKBCH CI shall provide users the capability to suppress the display of event Notifications if the Notifications do not require user input or if the user has defined default instructions, by type of event and session..	B	functional	---	---		04.02.04
CLS-12800	The WKBCH CI shall provide a capability to interactively display interrupt messages.	B	functional	---	---		04.02.04
CLS-12810	The WKBCH CI shall provide a dumb terminal interface with minimal and consistent use of non-standard keys.	B	functional	---	---		04.02.04
CLS-12820	The WKBCH CI shall provide a dumb terminal interface with capability to save and restore the contents of a menu or form.	B	functional	---	---		04.02.04
CLS-12830	The WKBCH CI shall provide a dumb terminal interface with standardized use of commands and terminology across screens.	B	functional	---	---		04.02.04
CLS-12840	The WKBCH CI shall provide a dumb terminal interface with self-explanatory, meaningful error messages.	B	functional	---	---		04.02.04
CLS-12850	The WKBCH CI shall provide a dumb terminal interface with availability of a menu tree diagram.	B	functional	---	---		04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-12860	The WKBCH CI shall provide a dumb terminal interface with a command language.	B	functional	---	---	Command language supports batch capabilities	04.02.04
CLS-12870	The WKBCH CI shall support a dumb terminal interface that provides users system access from local and remote dumb terminals.	B	functional	---	---		04.02.04
CLS-12970	The Novice level of interaction shall provide prompting and automatic help facilities for user initiated actions.	B	functional	---	---	clarification of existing requirement	04.02.04
CLS-13010	The WKBCH CI shall provide application program interfaces that will support development of extensions for support of data visualization utilities for DAAC-specific products.	B	functional				04.02.04
CLS-13040	The WKBCH CI shall provide application program interfaces that will support development of a local user interface client accessing DAAC-unique Metadata searching services.	B	functional				04.02.04
CLS-13050	The WKBCH CI shall provide application program interfaces that will be capable of supporting the development of a local user interface that can bypass the delivered ECS user interface for accessing DAAC-unique Metadata searching services.	B	functional				04.02.04
CLS-13060	The WKBCH CI shall provide the user the capability to view the service availability status of all ECS services.	B	functional				04.02.04
CLS-13090	The WKBCH CI shall perform registration of new users from user supplied and default information.	B	functional	---	---	Modification by adding "and"	04.02.04
CLS-13115	The WKBCH CI shall provide registered users with the capability to request changes to their user account priorities and authorized user services.	B	functional	---	---	New L4 rqmt	04.02.04
CLS-13160	The WKBCH CI shall provide users the capability to terminate user sessions with service providers.	B	functional	---	---		04.02.04
CLS-13170	The WKBCH CI shall provide users the capability to initiate user sessions with service providers.	B	functional	---	---		04.02.04
CLS-13200	The WKBCH CI shall provide users the capability to obtain the status information about user sessions with service providers.	B	functional	---	---		04.02.04
CLS-13210	The WKBCH CI shall provide users the capability to connect to an existing user session.	B	functional	---	---		04.02.04
CLS-13220	The WKBCH CI shall provide users the capability to issue Service Requests within the context of a user session.	B	functional	---	---		04.02.04
CLS-13230	The WKBCH CI shall provide users the capability to cancel any time-intensive Service Requests by issuing a Cancellation Request.	B	functional	---	---		04.02.04
CLS-13240	The WKBCH CI shall provide users the capability to individually suspend and restore the Service Requests within a user session after interruption.	B	functional	---	---		04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-13250	The WKBCH CI shall provide users the capability to view DAR generation information during the DAR planning and submittal process.	B	functional	---	---		04.02.04
CLS-13352	The WKBCH CI shall provide access to USENET newsgroups.	B	functional	---	---		04.02.04
CLS-13380	The WKBCH CI shall send User Authentication Requests to the SMC.	B	interface	CLS	MSS	Change to existing text	04.02.04
CLS-13390	The WKBCH CI shall allow or deny the user system access based on User Validation Status returned from CSMS.	B	functional	---	---		04.02.04
CLS-13400	The WKBCH CI shall obtain user authentication information from the user.	B	functional	---	---	Change to existing text	04.02.04
CLS-13460	The WKBCH CI shall provide users the capability to create a Session Profile for each user session. The Session Profile shall be able to contain any of the parameters which are in the User Profile and which may apply as defaults to ECS Service Requests.	B	functional	---	---		04.02.04
CLS-13470	The user interface shall employ the defaults specified in the Session Profile to assist the user in the formulation of a new request in the context of a user session (e.g., by displaying them as default values in the respective input fields).	B	functional	---	---		04.02.04
CLS-13480	Users shall be able to save Search Request parameters at any time during the formulation of the Search Request.	B	functional	---	---		04.02.04
CLS-13490	Users shall be able to retrieve any previously saved Search Request parameters into a new Search Request, edit the parameters, save the modified parameters, and/or submit the new Search Request.	B	functional	---	---		04.02.04
CLS-13500	Users shall be able to save the results of Search Requests.	B	functional	---	---		04.02.04
CLS-13510	Users shall be able to retrieve saved Search Results, delete items from the Search Result, and save the modified result.	B	functional	---	---		04.02.04
CLS-13520	Users shall be able to save selected portions of a Search Result.	B	functional	---	---		04.02.04
CLS-13530	Users shall be able to combine Search Results.	B	functional	---	---		04.02.04
CLS-13540	Users shall be able to select Data Granules from multiple saved Search Results and submit a single Data Request for these Data Granules.	B	functional	---	---		04.02.04
CLS-13550	The WKBCH CI shall provide users the capability to search Production History on any combination of Production History Metadata attributes.	B	functional	---	---		04.02.04
CLS-13560	The WKBCH CI shall allow users to search the holdings of ECS using Phenomenological Search Criteria for attributes supported by Data Server Schema.	B	functional	---	---		04.02.04
CLS-13580	The WKBCH CI shall provide users the capability to graphically represent data availability for products(s) vs. time.	B	functional	---	---		04.02.04
CLS-13590	The WKBCH CI shall provide users the capability to graphically view the temporal extent of Data Granules.	B	functional	---	---		04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-13600	The WKBCH CI shall display the cost estimates for Data specified in Distribution Requests prior to the submission of the Search Request.	B	functional	---	---		04.02.04
CLS-13610	When users submit a Distribution Request, they shall be given an opportunity to review the total amount that will be billed for the order and affirm, cancel or modify the Search Request.	B	functional	---	---		04.02.04
CLS-13620	The WKBCH CI shall provide the capability to visualize Data Products as continuous forward animation.	B	functional	---	---		04.02.04
CLS-13630	The WKBCH CI shall provide the capability to visualize Data Products as single step forward animation.	B	functional	---	---		04.02.04
CLS-13640	The WKBCH CI shall provide the capability to visualize Data Products as single step backward animation.	B	functional	---	---		04.02.04
CLS-13650	The WKBCH CI shall provide the capability to visualize Data Products as oscillating animation (i.e., continuous forward then continuous backward, alternating throughout the loop until user-directed termination).	B	functional	---	---		04.02.04
CLS-13660	The WKBCH CI shall provide users the capability to change the minimum/maximum values of the color tables for visualization of Data Products.	B	functional	---	---		04.02.04
CLS-13670	The WKBCH CI shall provide users the capability to modify color palettes for visualization of Data Products.	B	functional	---	---		04.02.04
CLS-13680	The WKBCH CI shall allow users to access the Data Dictionary Service.	B	functional	---	---		04.02.04
CLS-13700	Overlays provided for display to users shall be continuous over the entire display area, regardless of any gaps in the science data, for data following HDF-EOS geolocation conventions.	B	functional	---	---		04.02.04
CLS-13730	Users shall be able to request an update of the status of a previously submitted Search Request.	B	functional	---	---		04.02.04
CLS-13740	Users shall be able to request that the workbench poll the status of a Search Request at a user selectable time interval.	B	functional	---	---		04.02.04
CLS-13750	The WKBCH CI shall provide users the capability to submit Subscription Requests which request a periodic search for new documents meeting user specified search conditions. All search conditions supported by the document search user interface shall be allowed in this context.	B	functional	---	---		04.02.04
CLS-13760	The WKBCH CI shall provide users the capability to issue a Subscription Request for revisions of a given document.	B	functional	---	---		04.02.04
CLS-13770	The WKBCH CI shall provide users the capability to issue a Subscription Request for new documents, based on topical keywords.	B	functional	---	---		04.02.04
CLS-13780	When submitting Distribution Requests, users shall be able to request inclusion of Universal References to the appropriate documentation for this data, the tools needed to read this data, and an ASCII file describing each of these references.	B	functional	---	---		04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-13790	The WKBCH CI shall provide users the capability to parameterize ASTER DARS with ASTER DAR Parameters.	B	functional	---	---		04.02.04
CLS-13800	The WKBCH CI shall provide the capability for users to construct a Subscription Request associated with a Data Acquisition Request.	B	functional	---	---		04.02.04
CLS-13810	The WKBCH CI shall accept Service Requests for Subscriptions for data and metadata.	B	functional	---	---		04.02.04
CLS-13820	The WKBCH CI shall accept Service Requests for changes to existing DARs from the science user.	B	functional	---	---		04.02.04
CLS-13830	The WKBCH CI shall make ASTER data acquisition schedules and plans accessible to authorized users on request.	B	functional	---	---		04.02.04
CLS-13840	The WKBCH CI shall display data acquisition schedules as timelines.	B	functional	---	---		04.02.04
CLS-13850	The WKBCH CI shall provide users the capability to access the Guide during DAR formulation and submittal.	B	functional	---	---		04.02.04
CLS-13860	The WKBCH CI shall provide EOS-AM spacecraft location projections as an reference aid to the creation of ASTER Data Acquisition Requests	B	functional	---	---		04.02.04
CLS-13870	The WKBCH CI shall provide visualizations of ASTER instrument nominal view swaths and non-nominal view swaths based on user supplied angle as a reference aid to the creation of ASTER DARs.	B	functional	---	---		04.02.04
CLS-13880	The WKBCH CI shall provide instrument specific default settings for DAR instrument configurable parameters.	B	functional	---	---		04.02.04
CLS-13890	The WKBCH CI shall provide users the capability to view Valid Values for DAR Parameters.	B	functional	---	---		04.02.04
CLS-13900	The WKBCH CI shall constraint check and validate DAR Parameters.	B	functional	---	---		04.02.04
CLS-13920	The WKBCH CI shall provide DAR Disposition in response to the submittal of a DAR. This may be e-mail notification.	B	functional	---	---		04.02.04
CLS-13930	The WKBCH CI shall be expandable to make accessible to authorized users the current data acquisition schedules and plans for U.S. instruments on foreign spacecraft for the IP Information Management System or an equivalent IP facility.	B	functional	---	---		04.02.04
CLS-13940	The WKBCH CI shall display DAR status when requested by users.	B	functional	---	---		04.02.04
CLS-13950	The WKBCH CI shall provide the user the capability to view the Data Requests recorded in the User Session Log.	B	functional	---	---		04.02.04
CLS-13960	The WKBCH CI shall provide the user the capability to view the DARs recorded in the User Session Log.	B	functional	---	---		04.02.04
CLS-13980	The WKBCH CI shall provide a legend describing the display of a Data Product, in each window in which a Data Product is displayed.	B	functional	---	---		04.02.04
CLS-13990	The WKBCH CI shall provide users the capability to view resulting coverage on a map when a lat/lon selection is typed in for a search.	B	functional	---	---		04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-14000	The WKBCH CI shall provide a user interface that indicates changes in status of an iconified window (e.g., additional results inserted into window).	B	functional	---	---		04.02.04
CLS-14010	The WKBCH CI shall prompt the user to save his/her edits when the user quits the editing of workbench objects (e.g., a Result Set or a Guide document), if there are any unsaved edits.	B	functional	---	---		04.02.04
CLS-14030	The WKBCH CI shall provide users the capability to retrieve any previously saved Data Request parameters into a new Data Request, edit the parameters, save the modified parameters, and/or submit the new Data Request.	B	functional	---	---		04.02.04
CLS-14040	The WKBCH CI shall automatically add the date, time and client release version identification to User Comments.	B	functional	---	---		04.02.04
CLS-14200	The WKBCH CI shall provide the capability to retrieve User Comments based on author, subject and date/time.	B	functional	---	---		04.02.04
CLS-14230	The DESKT CI shall provide the capability for a user to issue a Distribution Status Request for a previously submitted Distribution Request and receive Distribution Request Status as a result.	B	functional	---	---		04.02.04
CLS-14240	The DESKT CI shall issue periodic Distribution Status Requests for a user-specified Distribution Request, at time intervals specified by the user.	B	functional	---	---		04.02.04
CLS-14250	The WKBCH CI shall provide users the capability to issue a Status Request to determine the status of any active Service Request.	B	functional	---	---		04.02.04
CLS-14400	Time-related data for DARs shall be synchronized so that selection of a time range on a DAR timeline tool will be translated into date/time ranges in a DAR submission window.	B	functional	---	---		04.02.04
CLS-14410	Time-related data for DARs shall be synchronized so that typing a date/time range in a DAR submission window will be graphically display as a blocked out time range on a DAR timeline window.	B	functional	---	---		04.02.04
CLS-14420	Geographic selection criteria for DARs shall be synchronized so that selection of an area on a DAR map display will be translated into lat/lon coordinates in a DAR submissions window.	B	functional	---	---		04.02.04
CLS-14430	Geographic selection criteria for DARs shall be synchronized so that typing lat/lon coordinates in a DAR submission window will be graphically displayed as a blocked out area on a DAR map display.	B	functional	---	---		04.02.04
CLS-14440	The WKBCH CI shall provide users the capability to retrieve any previously saved DAR parameters into a new DAR, edit the parameters, save the modified parameters, and/or submit the new DAR.	B	functional	---	---		04.02.04
CLS-14450	The WKBCH CI shall provide the capability for users to construct a Product Request associated with a DAR.	B	functional	---	---		04.02.04
CLS-14460	The WKBCH CI shall make spacecraft schedules accessible to authorized users on request.	B	functional	---	---		04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-14470	The WKBCH CI shall display spacecraft schedules as timelines.	B	functional	---	---		04.02.04
CLS-14480	Time-related data for a Product Request shall be synchronized so that selection of a time range on a Product Request timeline tool will be translated into date/time ranges in a Product Request submission window.	B	functional	---	---		04.02.04
CLS-14490	Time-related data for a Product Request shall be synchronized so that a date/time range typed in a Product Request window will be graphically display as a blocked out time range on a Product Request timeline window.	B	functional	---	---		04.02.04
CLS-14500	Geographic selection criteria for a Product Request shall be synchronized so that selection of an area on a Product Request map display will be translated into lat/lon coordinates in a Product Request submissions window.	B	functional	---	---		04.02.04
CLS-14510	Geographic selection criteria for a DAR shall be synchronized so that typed lat/lon coordinates in a Product Request submission window will be graphically displayed as a blocked out area on a Product Request map display.	B	functional	---	---		04.02.04
CLS-14520	For WKBCH CI screens requiring user input, optional fields shall be distinguished from mandatory fields.	B	functional	---	---		04.02.04
CLS-14530	The WKBCH CI shall provide users access to Data Definitions of the following information at a minimum : a. Earth Science Data Types and services descriptions b. core metadata attribute definitions c. valid values d. synonyms for valid values e. product specific metadata	B	functional	---	---		04.02.04
CLS-14540	Standard Product related Metadata accesible to users shall include keywords and glossary from investigators.	B	functional	---	---		04.02.04
CLS-14550	Standard Product related Metadata accessible to users shall include of keywords, synonyms, and glossary for cross-product and cross-directory referencing.	B	functional	---	---		04.02.04
CLS-14570	The WKBCH CI shall provide users the capability to relate Phenomenological Search Criteria to Search Criteria containing values for searchable attributes supported in the Data Server Schema.	B	functional	---	---		04.02.04
CLS-14580	The WKBCH CI shall provide users a consistent view of data dictionary entries based on the value given for an attribute.	B	functional	---	---		04.02.04
CLS-14590	The WKBCH CI shall have the capability to send to the Data Dictionary CI, data dictionary information requests, consisting of any combination of the following: Earth Science Data Types, Core Metadata attribute, Product Specific Metadata.	B	functional	---	---		04.02.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-14600	The WKBCH CI shall have the capability to receive from the Data Dictionary CI	B	interface	---	---		04.02.04
CLS-15660	The WKBCH CI shall be capable of receiving data products electronically.	B	interface	CSS	CLS	New L4 rqmt	04.02.04
CLS-15720	The WKBCH CI shall provide users access to ECS services via a direct connection.	B	interface	CLS	CSS	New L4 rqmt	04.02.04
CLS-15760	The WKBCH CI shall restrict users' access to data and services for which the users lack sufficient priviledges.	B	security	---	---	New L4 rqmt	04.02.04
CLS-15770	The WKBCH CI shall provide the user the predicted time for resumption of ECS services which are temporarily unavailable.	B	interface	MSS	CLS	New L4 rqmt	04.02.04
CLS-15790	The WKBCH CI shall provide users access to ECS services via dialup link.	B	interface	CLS	CSS	New L4 rqmt	04.02.04
CLS-15810	The DESKT CI shall provide a menu tree diagram	B	functional	---	---	New L4 rqmt	04.02.03
CLS-15820	The WKBCH CI shall provide users the amount of data expected to be returned as the result of a product request.	B	interface	DSRV	CLS	New L4 rqmt	04.02.04
CLS-15830	Data Distribution Requests shall contain requester identification, data type, data set identifier, data formats, distribution and media instructions, request priority, suggested earliest start time,and suggested latest completion time.	B	functional	---	---	New L4 rqmt	04.02.04
CLS-15840	Confirmation or rejection of Product Requests shall contain requester identification, request identification, request status, and the reason for rejection if rejected.	B	functional	---	---	New L4 rqmt	04.02.04
CLS-15850	The WKBCH CI shall display conflict resolution information from the SMC.	B	interface	CLS	MSS	New L4 rqmt	04.02.04
CLS-15860	Conflict resolution information shall contain request identification, data type, priority modifications, account balance modifications, information on when request will be serviced, and SMC contact point.	B	functional	---	---	New L4 rqmt	04.02.04
CLS-15870	The WKBCH CI shall provide applications program interfaces to provide support of DAAC specific data analysis utilities.	B	functional	---	---	New L4 rqmt	04.02.04
CLS-15880	The WKBCH CI shall provide applications program interfaces to support development of DAAC unique metadata search and access services that will operate independent of the delivered ECS services.	B	functional	---	---	New L4 rqmt	04.02.04
CLS-15890	The WKBCH CI map displays shall provide the following types of geographic data sets for background reference: land/oceans, major lakes, major rivers, mountain ranges, volcanoes, major highways and railroads, urban and built-up areas, and political boundaries.	B	functional	---	---	New L4 rqmt	04.02.04
CLS-15900	The WKBCH CI shall support multiple addresses for product requests, which include mailing address, billing address and shipping address.	B	functional	---	---	New L4	04.02.04
CLS-15910	The DESKT CI shall have the capability to prompt the user for confirmation when a user attempts addition, modification or deletion of an object.	B	functional	---	---	New L4 rqmt	04.02.03
CLS-15920	The Client Visualization Tool shall support display of multiple images.	B	functional	---	---	New L4	04.02.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
CLS-15940	The WKBCH CI shall provide users the capability to search for global granules.	B	functional	---	---	New L4	04.02.04
CLS-15950	The WKBCH CI shall provide users the capability to set thresholds for the number of results returned from a query.	B	functional	---	---	New L4	04.02.04
CLS-15970	The WKBCH CI shall be able to accept and display Notifications of events associated with subscriptions.	B	functional	DSS	CLS		04.02.04
CLS-15980	The WKBCH CI shall provide a capability for users to submit software and related documents.	B	functional	CLS	IOP		04.02.04
CLS-15990	The WKBCH CI shall send DARs for ASTER observational sequences to the ASTER GDS.	B	interface	CLS	ASTER GDS		04.02.04
CLS-16000	The WKBCH CI shall provide a capability for users to request status of ASTER DARs.	B	interface	CLS	ASTER GDS		04.02.04
CLS-16010	The WKBCH CI shall be capable of displaying the status of ASTER DARs to the user.	B	interface	ASTER GDS	CLS		04.02.04
DMS-00010	The LIMGR CI shall provide capabilities to search and obtain data by science discipline.	B	functional	---	---		04.04.03
DMS-00020	The LIMGR CI shall accept Search Requests in the format defined in Appendix K of the current version of 304-CD-005.	B	functional	---	---		04.04.03
DMS-00030	The LIMGR CI shall create an integrated schema from the exported schematas of the Data Servers.	B	functional	---	---		04.04.03
DMS-00040	The LIMGR CI shall determine which Data Servers are required in order to perform a Search Request and build a Site Query Plan as a result.	B	functional	---	---		04.04.03
DMS-00050	The LIMGR CI shall initiate data provider data access and manipulation operations.	B	functional	---	---		04.04.03
DMS-00060	The LIMGR CI shall provide the capability to establish a session as the context for a series of Service Requests.	B	functional	---	---		04.04.03
DMS-00070	The LIMGR CI shall provide the capability to suspend an ongoing t session-.	B	functional	---	---		04.04.03
DMS-00080	The LIMGR CI shall provide the capability to resume a suspended session.	B	functional	---	---		04.04.03
DMS-00090	The LIMGR CI shall provide the capability to terminate an established client session.	B	functional	---	---		04.04.03
DMS-00100	The LIMGR CI shall accept search results from a Data Server, and provide capability, to integrate Search Results from a previous Search Request .	B	interface	---	---		04.04.03
DMS-00110	The LIMGR CI shall provide the capability to save the result of a Service Request for later reuse.	B	functional	---	---		04.04.03
DMS-00120	The LIMGR CI shall, upon request, provide the current Result Set (complete or incomplete) to the client or specified destination.	B	functional	---	---		04.04.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-00130	The LIMGR CI shall provide the capability, to terminate processing of an active or suspended Service Request.	B	functional	---	---		04.04.03
DMS-00140	The LIMGR CI shall provide the capability, to suspend processing of an active Service Request.	B	functional	---	---		04.04.03
DMS-00150	The LIMGR CI shall provide the capability, to resume processing of a previously suspended Service Request.	B	functional	---	---		04.04.03
DMS-00160	The LIMGR CI shall provide the capability, to estimate the resources required to execute a pending Service Request.	B	functional	---	---		04.04.03
DMS-00180	The LIMGR CI shall support interactive information management capabilities for administrators to retrieve information.	B	functional	---	---		04.04.03
DMS-00190	The LIMGR CI shall use the identification of the user on whose behalf a Service Request is issued as the basis for access control decisions.	B	functional	---	---		04.04.03
DMS-00200	The LIMGR CI shall forward the identification of the user on whose behalf a Service Request is issued to Data Servers for Service Requests issued on the behalf of the user.	B	functional	---	---		04.04.03
DMS-00210	The LIMGR CI internal data base management shall be expressed in a <TBD> standard query language	B	functional	---	---		04.04.03
DMS-00220	The LIMGR CI shall store, maintain and provide data management services for ECS local Schema.	B	functional	---	---		04.04.03
DMS-00230	The LIMGR CI shall provide the capability to integrate partial results within those Data Servers represented in its local Schema.	B	functional	---	---		04.04.03
DMS-00240	In the case of processing failures, upon restart the LIMGR CI shall complete all incomplete transactions without loss of data.	B	functional	---	---		04.04.03
DMS-00250	The LIMGR CI shall maintain query log files.	B	functional	---	---		04.04.03
DMS-00260	The LIMGR CI shall provide a capability to report status of Service Requests submitted to it.	B	functional	---	---		04.04.03
DMS-00270	The LIMGR CI shall support revisions of its local Schema following Schema changes in the Data Servers represented in the LIMs local Schema.	B	functional	---	---		04.04.03
DMS-00280	The LIMGR CI shall provide a data administration utility for adding, deleting, modifying, and expanding individual Schema.	B	functional	---	---		04.04.03
DMS-00290	The LIMGR CI shall accept Service Requests, and provide capability, to find and retrieve a Schema entry from an integrated Schema.	B	functional	---	---		04.04.03
DMS-00300	The LIMGR CI shall provide the capability to search for Data Granules of EOSDIS data stored for all Data Servers represented in their local Schema.	B	functional	---	---		04.04.03
DMS-00470	The LIMGR CI shall support the interruption of any database administrative or maintenance activity and its restart without loss of information.	B	functional	---	---		04.04.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-00480	The LIMGR CI shall contribute to supporting the response time defined in Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005, for a single instrument inventory search consisting of multiple keyword attributes with time range check.	B	performance	---	---		04.04.03
DMS-00490	The LIMGR CI shall contribute to supporting the response time defined in Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005, for a multiple instrument inventory search consisting of multiple keyword attributes with time range check.	B	performance	---	---		04.04.03
DMS-00500	The LIMGR CI shall contribute to supporting the response time defined in Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005, in accepting from Data Servers a single instrument inventory result set consisting of multiple keyword attributes with special range check, integrating the results, and providing a complete result set.	B	performance	---	---		04.04.03
DMS-00510	The LIMGR CI shall contribute to supporting the response time defined in Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005, in accepting from Data Servers a multiple instrument inventory result set consisting of multiple keyword attributes with time range check, integrating the results, and providing a complete result set.	B	performance	---	---		04.04.03
DMS-00530	The LIMGR CI shall collect the management data used to support security management.	B	functional	---	---		04.04.03
DMS-00540	The LIMGR CI data accesses shall be subject to read access controls based on data types, user privileges, and data ownership.	B	functional	---	---		04.04.03
DMS-00550	The LIMGR CI shall provide a capability to decompose the Search Requests it receives into executable data base Queries.	B	functional	---	---		04.04.03
DMS-00560	The LIMGR CI shall provide the capability to manually abort any time-intensive operations.	B	functional	---	---		04.04.03
DMS-00570	The LIMGR CI shall provide integration, testing, and simulation status to the SMC.	B	interface	---	---		04.04.03
DMS-00580	The LIMGR CI shall provide maintenance status to the SMC.	B	interface	---	---		04.04.03
DMS-00590	The LIMGR CI shall provide logistics status to the SMC.	B	interface	---	---		04.04.03
DMS-00600	The LIMGR CI shall provide training information to the SMC.	B	interface	---	---		04.04.03
DMS-00610	The LIMGR CI shall provide the capability to receive maintenance directives from the SMC.	B	interface	---	---		04.04.03
DMS-00620	The LIMGR CI shall provide the capability to receive directives for integration, testing, and simulation from the SMC.	B	interface	---	---		04.04.03
DMS-00630	The LIMGR CI shall provide the capability to receive configuration management directives from the SMC.	B	interface	---	---		04.04.03
DMS-00640	The LIMGR CI shall provide the capability to receive logistics management directives from the SMC.	B	interface	---	---		04.04.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-00650	The LIMGR CI shall provide the capability to receive fault management directives from the SMC.	B	interface	---	---		04.04.03
DMS-00660	The LIMGR CI shall provide the capability to receive security directives from the SMC.	B	interface	---	---		04.04.03
DMS-00670	The LIMGR CI shall provide the capability to receive training management directives from the SMC.	B	interface	---	---		04.04.03
DMS-00690	The LIMGR CI shall collect the management data used to support configuration management.	B	functional	---	---		04.04.03
DMS-00700	The LIMGR CI shall collect Accounting Management Data used to support accounting.	B	functional	---	---		04.04.03
DMS-00705	The LIMGR CI shall support operations staff in the creation of utilization reports, and the operations staff shall distribute them on a periodic basis to a predefined list of report recipients.	B	functional	---	---		04.04.03
DMS-00706	The LIMGR CI shall provide operations staff the capability to distribute utilization reports electronically, in hard copy, or on electronic media.	B	functional	---	---		04.04.03
DMS-00710	The LIMGR CI shall collect Accountability Management Data and provide it to the MSS.	B	interface	---	---		04.04.03
DMS-00720	The LIMGR CI shall collect Performance Management Data and provide it to the MSS.	B	interface	---	---		04.04.03
DMS-00730	The LIMGR CI shall collect Scheduling Management Data and provide it to the MSS.	B	interface	---	---		04.04.03
DMS-00740	Partial results shall consist of Search Results accumulated to the time of the request for partial results, or Search Results accumulated since the last Search Request for partial results for that Search Request.	B	functional	---	---		04.04.03
DMS-00750	The LIMGR CI shall have the capability of creating, editing and deleting advertisements about itself and submitting them to the Advertising Service.	B	functional	---	---		04.04.03
DMS-00860	The LIMGR CI shall provide a capability to report the status of sessions established by it.	B	functional	---	---		04.04.03
DMS-00890	The LIMGR CI shall support multiple concurrent sessions.	B	functional	---	---		04.04.03
DMS-00895	The LIMGR CI shall support multiple service requests within a session.	B	functional	---	---		04.04.03
DMS-00900	The LIMGR CI shall provide an application program interface for the submission of Service Requests.	B	functional	---	---		04.04.03
DMS-00910	The LIMGR CI shall provide an application program interface for the submission of requests for administrative services.	B	functional	---	---		04.04.03
DMS-00915	The LIMGR CI shall log the initiation of a session.	B	functional	---	---		04.04.03
DMS-00920	The LIMGR CI shall log the termination of a session.	B	functional	---	---		04.04.03
DMS-00930	The LIMGR CI shall log the suspension of a session.	B	functional	---	---		04.04.03
DMS-00940	The LIMGR CI shall log the resumption of previously suspended sessions.	B	functional	---	---		04.04.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-00960	The LIMGR CI shall provide the capability for the operations staff to suspend all active sessions.	B	functional	---	---		04.04.03
DMS-00970	The LIMGR CI shall provide the capability for the operations staff to resume any or all sessions, previously suspended by operations staff or clients.	B	functional	---	---		04.04.03
DMS-00980	The LIMGR CI shall provide the capability for the operations staff to terminate any or all active or suspended sessions.	B	functional	---	---		04.04.03
DMS-00990	The LIMGR CI shall send Notifications to users via email in the event that a users's request or session is canceled by operations staff.	B	functional	---	---		04.04.03
DMS-01000	The LIMGR CI shall provide the capability to restore a session after interruption.	B	functional	---	---		04.04.03
DMS-01010	The LIMGR CI shall log all Service requests received during a session.	B	functional	---	---		04.04.03
DMS-01020	The LIMGR CI shall log the suspension of processing of Service requests.	B	functional	---	---		04.04.03
DMS-01030	The LIMGR CI shall log the resumption of previously suspended Service requests.	B	functional	---	----		04.04.03
DMS-01040	The LIMGR CI shall log the termination of service requests.	B	functional	---	---		04.04.03
DMS-01050	The LIMGR CI shall ensure that databases which are distributed and replicated provide synchronized data.	B	functional	---	---	New L4	04.04.03
DMS-01060	The LIMGR CI shall forward commands to terminate a session to all servers which are a part of that session.	B	functional	---	---	New L4	04.04.03
DMS-01070	The LIMGR CI shall accept Subscriptions for LIM data.	B	functional	CLS	DMS		04.04.03
DMS-01075	The LIMGR CI shall accept and process lifecycle commands from the MSS.	B	interface	MSS	DMS		04.04.03
DMS-01080	The LIMGR CI shall provide a capability to display SMC directives to operator personnel.	B	functional	MSS	DMS		04.04.03
DMS-10010	The DIMGR CI shall provide capabilities to search and obtain data across DAACs.	B	functional	---	---		04.04.04
DMS-10020	The DIMGR CI shall accept and execute Search Requests which require searching across DAACs.	B	functional	---	---		04.04.04
DMS-10030	The DIMGR CI shall compare received Search Requests to its federated Schema to determine to which LIMs or Data Servers the Search Request must be forwarded and generate a Distributed Query Plan.	B	functional	---	---		04.04.04
DMS-10040	Upon determining which LIMs are required to complete a Search Request, the DIMGR CI shall send to the requisite LIMs the portions of the original Search Request which apply to them.	B	interface	---	---		04.04.04
DMS-10050	The DIMGR CI shall monitor the progress of the Distributed Query Plan.	B	functional	---	---		04.04.04
DMS-10060	The DIMGR CI shall compile and manage the results of the Distributed Query Plan for the client which initiated it.	B	functional	---	---		04.04.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-10070	The DIMGR CI shall execute, monitor, and compile plan results without continuous connection with the client this capability shall allow the client to disconnect from and later reconnect to the DIM to retrieve the results.	B	functional	---	---		04.04.04
DMS-10090	The DIMGR CI shall store, maintain and provide data management services for ECS federated Schema.	B	functional	---	---		04.04.04
DMS-10100	The DIMGR CI shall provide the capability to abort any time-intensive operations.	B	functional	---	---		04.04.04
DMS-10110	The DIMGR CI shall provide the capability to integrate partial results from those LIMs represented in its federated Schema into a complete Result Set.	B	functional	---	---		04.04.04
DMS-10120	In the case of processing failures, upon restart the DIMGR CI shall complete all incomplete transactions without loss of data.	B	functional	---	---		04.04.04
DMS-10130	The DIMGR CI shall maintain query log files.	B	functional	---	---		04.04.04
DMS-10140	The DIMGR CI shall provide a capability to report status of Search Requests submitted to it.	B	functional	---	---		04.04.04
DMS-10150	The DIMGR CI shall support revisions of its federated Schema following Schema changes in the LIMs represented in the DIM's federated Schema.	B	functional	---	---		04.04.04
DMS-10160	The DIMGR CI shall be able to receive the local Schema of LIMs in its federation from the LIM service.	B	interface	---	---		04.04.04
DMS-10170	The DIMGR CI shall create a union of the Schemata it receives from LIMs in its federation. This union is a federated Schema.	B	functional	---	---		04.04.04
DMS-10180	The DIMGR CI shall not alter the Schemata it receives from any LIM in creating the federated Schema.	B	functional	---	---		04.04.04
DMS-10190	The DIMGR CI shall subscribe to the LIMs for any changes in LIM Schemata.	B	interface	---	---		04.04.04
DMS-10200	The DIMGR CI shall subscribe to the Advertising service for any additions or deletions of LIMs from its federation.	B	interface	---	---		04.04.04
DMS-10210	The DIMGR CI shall be able to add a LIM to its federation based on the subscription notifications it receives from the Adsvertising service..	B	functional	---	---		04.04.04
DMS-10220	The DIMGR CI shall provide an interface whereby a LIM may be deleted from the federation based on the subscription notifications it receives from the Adsvertising service..	B	functional	---	---		04.04.04
DMS-10240	The DIMGR CI shall provide a data administration utility for adding, deleting, modifying, and expanding an individual Schema.	B	functional	---	---		04.04.04
DMS-10250	The distributed Schema administrator shall maintain the federated Schema in the DIM.	B	functional	---	---		04.04.04
DMS-10260	The DIMGR CI shall provide an interface to the DIM administrator client whereby a LIM may be added to the federation.	B	functional	---	---		04.04.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-10270	The DIMGR CI shall provide an interface to the DIM administrator client whereby a LIM may be deleted from the federation.	B	functional	---	---		04.04.04
DMS-10280	The DIMGR CI shall provide an interface to the DIM administrator client whereby a LIM may be replaced in the federation.	B	functional	---	---		04.04.04
DMS-10290	The DIMGR CI shall provide an interface to the DIM administrator client whereby LIM information may be retrieved from the federation.	B	functional	---	---		04.04.04
DMS-10300	The DIMGR CI shall provide the capability to find and retrieve a Schema entry from an distributed Schema.	B	functional	---	---		04.04.04
DMS-10310	The DIMGR CI shall provide the capability to search for Data Granules of EOSDIS data stored across DAACs for specific science disciplines.	B	functional	---	---		04.04.04
DMS-10320	The DIMGR CI shall provide Service Request Status in response to Status Requests.	B	functional	---	---		04.04.04
DMS-10330	The DIMGR CI shall use the User Identifier for the user on whose behalf a Service Request is issued as the basis for access control decisions.	B	functional	---	---		04.04.04
DMS-10340	The DIMGR CI shall forward the user's User Identifer in any Service Requests that it sends to the LIMGR CI on behalf of that user..	B	interface	---	---		04.04.04
DMS-10350	The DIMGR CI shall provide integration, testing, and simulation status to the SMC.	B	interface	---	---		04.04.04
DMS-10360	The DIMGR CI shall provide maintenance status to the SMC.	B	interface	---	---		04.04.04
DMS-10370	The DIMGR CI shall provide logistics status to the SMC.	B	interface	---	---		04.04.04
DMS-10380	The DIMGR CI shall provide training information to the SMC.	B	interface	---	---		04.04.04
DMS-10390	The DIMGR CI shall provide the capability to receive maintenance directives from the SMC.	B	interface	---	---		04.04.04
DMS-10400	The DIMGR CI shall provide the capability to receive, directives for integration, testing, and simulation from the SMC.	B	interface	---	---		04.04.04
DMS-10410	The DIMGR CI shall provide the capability to receive, configuration management directives from the SMC.	B	interface	---	---		04.04.04
DMS-10420	The DIMGR CI shall provide the capability to receive logistics management directives from the SMC.	B	interface	---	---		04.04.04
DMS-10430	The DIMGR CI shall provide the capability to receive fault management directives from the SMC.	B	interface	---	---		04.04.04
DMS-10440	The DIMGR CI shall provide the capability to receive security directives from the SMC.	B	interface	---	---		04.04.04
DMS-10450	The DIMGR CI shall provide the capability to receive training management directives from the SMC.	B	interface	---	---		04.04.04
DMS-10460	The DIMGR CI shall support the interruption of a database administrative or maintenance activity and its restart without loss of information.	B	functional	---	---		04.04.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-10470	The DIMGR CI shall contribute to supporting the response time defined in Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005, in accepting processing, and distributing to the LIMs multiple DAAC, single instrument inventory search consisting of multiple keyword attributes with special range check.	B	performance	---	---		04.04.04
DMS-10480	The DIMGR CI shall contribute to supporting the response time defined in Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005, in accepting, processing, and distributing to LIMs a multiple DAAC, multiple instrument inventory search consisting of multiple keyword attributes with time range check.	B	performance	---	---		04.04.04
DMS-10490	The DIMGR CI shall contribute to supporting the response time defined in Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005, in accepting from LIMs a multiple DAAC, single instrument Inventory result set consisting of multiple keyword attributes with spacial range check , integrate the results, and providing a complete result set.	B	performance	---	---		04.04.04
DMS-10500	The DIMGR CI shall contribute to supporting the response time defined in Appendix E (Section E.7, Table E-8) of the current version of 304-CD-005, in accepting from LIMs multiple DAAC, multiple instrument Inventory result set consisting of multiple keyword attributes with time range check , integrate the results, and providing a complete result set.	B	performance	---	---		04.04.04
DMS-10530	The DIMGR CI shall collect the management data used to support fault recovery management.	B	functional	---	---		04.04.04
DMS-10540	The DIMGR CI shall collect the management data used to support configuration management.	B	functional	---	---		04.04.04
DMS-10550	The DIMGR CI shall collect Accounting Management Data used to support accounting management.	B	functional	---	---		04.04.04
DMS-10555	The DIMGR CI shall support operations staff in the creation of utilization reports, and the operations staff shall distribute them on a periodic basis to a predefined list of report recipients.	B	procedural	---	---		04.04.04
DMS-10556	The DIMGR CI shall provide operations staff with the capability to distribute DIMGR CI utilization reports eletronically or in hard copy or on electronic media.	B	functional	---	---		04.04.04
DMS-10560	The DIMGR CI shall collect Accountability Management Data and provide it to the MSS.	B	interface	---	---		04.04.04
DMS-10570	The DIMGR CI shall collect Performance Management Data and provide it to the MSS.	B	interface	---	---		04.04.04
DMS-10580	The DIMGR CI shall collect Security Management Data and provide it to the MSS.	B	interface	---	---		04.04.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-10590	The DIMGR CI shall collect Scheduling Management Data used to support scheduling management and provide it to the MSS.	B	interface	---	---		04.04.04
DMS-10600	The DIMGR CI data accesses shall be subject to read access control based on user privileges.	B	functional	---	---		04.04.04
DMS-10610	The DIMGR CI internal data base management Queries shall be expressed in a <TBD> query language	B	functional	---	---		04.04.04
DMS-10650	The DIMGR CI shall initiate distributed data access and manipulation operations.	B	functional	---	---		04.04.04
DMS-10660	The DIMGR CI shall provide the capability establish a session as the context for a series of Service Requests.	B	functional	---	---		04.04.04
DMS-10670	The DIMGR CI shall provide the capability to suspend an ongoing session.	B	functional	---	---		04.04.04
DMS-10680	The DIMGR CI shall provide the capability to resume a suspended session.	B	functional	---	---		04.04.04
DMS-10690	The DIMGR CI shall provide the capability to terminate an established client session.	B	functional	---	---		04.04.04
DMS-10700	The DIMGR CI shall provide the capability to save the result of a Service Request for later reuse.	B	functional	---	---		04.04.04
DMS-10710	The DIMGR CI shall, upon request, provide the current Result Set (complete or incomplete) to the client or specified destination.	B	functional	---	---		04.04.04
DMS-10720	The DIMGR CI shall provide the capability, to terminate processing of an active or suspended Service Request.	B	functional	---	---		04.04.04
DMS-10730	The DIMGR CI shall provide the capability, to suspend processing of an active Service Request.	B	functional	---	---		04.04.04
DMS-10740	The DIMGR CI shall provide the capability, to resume processing of a previously suspended Service Request.	B	functional	---	---		04.04.04
DMS-10750	The DIMGR CI shall provide the capability to estimate resources required to execute a pending Service Request.	B	functional	---	---		04.04.04
DMS-10760	Partial Results shall consist of Search Results accumulated to the time of the request for partial results, or Search Results accumulated since the last Request for partial results	B	functional	---	---		04.04.04
DMS-10860	The DIMGR CI shall provide a capability to report the status of sessions established by it.	B	functional	---	---		04.04.04
DMS-10890	The DIMGR CI shall support multiple concurrent sessions.	B	functional	---	---		04.04.04
DMS-10895	The DIMGR CI shall support multiple service requests within a session.	B	functional	---	---		04.04.04
DMS-10900	The DIMGR CI shall provide an application program interface for the submission of Service Requests.	B	functional	---	---		04.04.04
DMS-10910	The DIMGR CI shall provide an application program interface for the submission of requests for administrative services.	B	functional	---	---		04.04.04
DMS-10915	The DIMGR CI shall log the initiation of a session.	B	functional	---	---		04.04.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-10920	The DIMGR CI shall log the termination of a session.	B	functional	---	---		04.04.04
DMS-10930	The DIMGR CI shall log the suspension of a session.	B	functional	---	---		04.04.04
DMS-10940	The DIMGR CI shall log the resumption of previously suspended sessions.	B	functional	---	---	Change text of L4 - Added the word "session" to S-DMS-10940	04.04.04
DMS-10960	The DIMGR CI shall provide the capability for the operations staff to suspend all active sessions.	B	functional	---	---		04.04.04
DMS-10970	The DIMGR CI shall provide the capability for the operations staff to resume any or all sessions, previously suspended by operations staff or clients.	B	functional	---	---		04.04.04
DMS-10980	The DIMGR CI shall provide the capability for the operations staff to terminate any or all active or suspended sessions.	B	functional	---	---		04.04.04
DMS-10990	The DIMGR CI shall send Notifications to users via email in the event that a users's request or session is canceled by operations staff.	B	functional	---	---		04.04.04
DMS-11000	The DIMGR CI shall provide the capability to restore a session after interruption.	B	functional	---	---		04.04.04
DMS-11010	The DIMGR CI shall log all Service requests received during a session.	B	functional	---	---		04.04.04
DMS-11020	The DIMGR CI shall log the suspension of processing of Service requests.	B	functional	---	---		04.04.04
DMS-11030	The DIMGR CI shall log the resumption of previously suspended Service requests.	B	functional	---	---		04.04.04
DMS-11040	The DIMGR CI shall log the termination of service requests.	B	functional	---	---		04.04.04
DMS-11050	The DIMGR CI shall ensure that databases which are distributed and replicated provide synchronized data.	B	functional	---	---	New L4	04.04.04
DMS-11060	The DIMGR CI shall forward commands to terminate a session to all servers which are a part of that session.	B	functional	---	---	New L4	04.04.04
DMS-11070	The DIMGR CI shall accept Subscriptions for DIM data.	B	functional	CLS	DMS		04.04.04
DMS-20005	The DDICT CI shall provide access to Data Definitions of the following information at a minimum : a. Earth Science Data Types and services descriptions b. core metadata attribute definitions c. valid values d. synonyms for valid values e. product specific metadata	B	functional	---	---		04.04.05
DMS-20030	The DDICT CI shall provide the capability to view data dictionary entries based on the Earth Science Data Types accessible by an instance of the Data Server.	B	functional	---	---		04.04.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-20040	The DDICT CI shall provide the capability to view data dictionary entries based on the Earth Science Data Types accessible by an instance of the LIM	B	functional	---	---		04.04.05
DMS-20050	The DDICT CI shall provide the capability to view data dictionary entries based on the Earth Science Data Types accessible by an instance of the DIM.	B	functional	---	---		04.04.05
DMS-20060	The DDICT CI shall provide the capability to define a global view of data dictionary entries based on the Earth Science Data Types accessible by the ECS	B	functional	---	---		04.04.05
DMS-20070	The data dictionary support variations within data dictionary entries shall be based on data context and instrument.	B	functional	---	---	Lost from RTM	04.04.05
DMS-20080	The DDICT CI shall provide consistent view of data dictionary entries based on the value given for an attribute.	B	functional	---	---		04.04.05
DMS-20090	The DDICT CI shall provide the capability to define data dictionary contexts based on science disciplines, site, and instrument.	B	functional	---	---		04.04.05
DMS-20110	The DDICT CI shall provide the capability to define a global data dictionary context.	B	functional	---	---		04.04.05
DMS-20120	The DDICT CI shall maintain information describing the relationships between Earth Science Data Types.	B	functional	---	---		04.04.05
DMS-20130	The DDICT CI shall have the capability to accept from the Workbench CI data dictionary information requests consisting of any combination of the following: Earth Science Data Types, Core Metadata attribute, and Product Specific Metadata.	B	functional	---	---	Change text of L4 - add an "and"	04.04.05
DMS-20140	The DDICT CI shall have the capability to send to the Workbench CI: a. Earth Science data type descriptions b. core metadata attribute definitions, domains and synonyms c. product specific metadata attribute definitions, domains and synonyms.	B	interface	---	---		04.04.05
DMS-20160	The DDICT CI shall have the capability to accept from the SDSRV CI Data Server, Export Files, for the purposes of defining new or updated data dictionary entries	B	interface	---	---		04.04.05
DMS-20170	The DDICT CI shall have the capability to accept from the LIM CI, Export Files, for the purposes of defining new or updated data dictionary entries	B	interface	---	---		04.04.05
DMS-20180	The DDICT CI shall have the capability to accept from the DIM CI, Export Files, for the purposes of defining new or updated data dictionary entries	B	interface	---	---		04.04.05
DMS-20190	The DDICT CI shall maintain consistency of semantic relationships between its data dictionary entries and data server Schema information from which they were derived.	B	functional	---	---	Change text of L4 - added "consistency of semantic relationships"	04.04.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-20200	The DDICT CI shall support additions, deletions and modifications to DDICT CI Schema.	B	functional	---	---		04.04.05
DMS-20210	The DDICT CI shall use the identification of the user on whose behalf a Service Request is issued as the basis for access control decisions.	B	functional	---	---		04.04.05
DMS-20220	The DDICT CI data accesses shall be subject to access controls of read, write, update and delete, singly or in combination, based on user privileges.	B	functional	---	---		04.04.05
DMS-20230	The DDICT CI shall ensure that databases which are distributed and replicated provide synchronized data.	B	functional	---	---	New L4	04.04.05
DMS-20240	The DDICT CI shall provide a capability to decompose the Search Requests it receives into executable data base Queries.	B	functional	---	---		04.04.05
DMS-20250	The DDICT CI shall store, maintain and provide data management services for ECS data dictionary entries.	B	functional	---	---		04.04.05
DMS-20260	The DDICT CI shall support an administration utility for performance monitoring of system disk, memory, CPU and Input/Output.	B	functional	---	---		04.04.05
DMS-20270	The DDICT CI shall support an administration utility for performance monitoring of Service Requests processing.	B	functional	---	---		04.04.05
DMS-20280	The DDICT CI shall support an administration utility for performance tuning.	B	functional	---	---		04.04.05
DMS-20290	The DDICT CI shall support an administration utility for administration of access control.	B	functional	---	---		04.04.05
DMS-20300	The DDICT CI shall support an administration utility for on-line full backup of Data Dictionary service data.	B	functional	---	---		04.04.05
DMS-20310	The DDICT CI shall support an administration utility for on-line incremental backup of Data Dictionary service data.	B	functional	---	---		04.04.05
DMS-20320	The DDICT CI shall support an administration utility for manual recovery of Data Dictionary data from system and media failures.	B	functional	---	---		04.04.05
DMS-20330	The DDICT CI shall support an administration utility for automatic recovery of DDICT CI data from system failures.	B	functional	---	---		04.04.05
DMS-20340	The DDICT CI shall support a data administration utility for data import.	B	functional	---	---		04.04.05
DMS-20350	The DDICT CI shall support a data administration utility for data export.	B	functional	---	---		04.04.05
DMS-20360	The DDICT CI shall provide documents conforming to HTML3 standards.	B	functional	---	---	New L4	04.04.05
DMS-20530	The DDICT CI shall support batch information management capabilities to add data dictionary entries.	B	functional	---	---		04.04.05
DMS-20540	The DDICT CI shall support batch information management capabilities to update data dictionary entries.	B	functional	---	---		04.04.05
DMS-20550	The DDICT CI shall support batch information management capabilities to delete data dictionary entries.	B	functional	---	---		04.04.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-20560	The DDICT CI shall support batch information management capabilities to retrieve data dictionary entries.	B	functional	---	---		04.04.05
DMS-20570	The DDICT CI shall support interactive information management capabilities to add data dictionary entries.	B	functional	---	---		04.04.05
DMS-20580	The DDICT CI shall support interactive information management capabilities to update data dictionary entries.	B	functional	---	---		04.04.05
DMS-20590	The DDICT CI shall support interactive information management capabilities to delete data dictionary entries.	B	functional	---	---		04.04.05
DMS-20600	The DDICT CI shall support interactive information management capabilities to retrieve data dictionary entries.	B	functional	---	---		04.04.05
DMS-20610	The DDICT CI shall maintain a log of all insertions, updates and deletions of data dictionary entries	B	functional	---	---	Change text of L4 - added insert and delete	04.04.05
DMS-20620	Standard Product related Metadata at the DDICT CI shall include keywords and glossary from investigators.	B	functional	---	---		04.04.05
DMS-20630	Standard Product related Metadata at the DDICT CI shall include of keywords, synonyms, and glossary for cross-product and cross-directory referencing.	B	functional	---	---		04.04.05
DMS-20640	The DDICT CI shall support the restart of database administration and maintenance activities which are unintentionally interrupted through system software or hardware failure, without loss of information.	B	functional	---	---		04.04.05
DMS-20660	The DDICT CI shall collect the management data used to support security management.	B	functional	---	---		04.04.05
DMS-20670	The DDICT CI shall establish access controls of read, write, update and delete, singly or in combination, based on data types.	B	functional	---	---		04.04.05
DMS-20680	The DDICT CI shall establish access controls of read, write, update and delete, singly or in combination, based on data ownership.	B	functional	---	---		04.04.05
DMS-20690	The DDICT CI shall provide the capability to add, delete, or modify dictionary entries to authorized users.	B	functional	---	---		04.04.05
DMS-20700	The DDICT CI shall provide integration, testing, and simulation status to the SMC.	B	interface	---	---		04.04.05
DMS-20710	The DDICT CI shall provide maintenance status to the SMC.	B	interface	---	---		04.04.05
DMS-20720	The DDICT CI shall provide logistics status to the SMC.	B	interface	---	---		04.04.05
DMS-20730	The DDICT CI shall provide training information to the SMC.	B	interface	---	---		04.04.05
DMS-20735	The DDICT CI shall provide the capability to receive maintenance directives from the SMC.	B	interface	---	---		04.04.05
DMS-20740	The DDICT CI shall provide the capability to receive directives for integration, testing, and simulation from the SMC.	B	interface	---	---		04.04.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-20750	The DDICT CI shall provide the capability to receive configuration management directives from the SMC.	B	interface	---	---		04.04.05
DMS-20760	The DDICT CI shall provide the capability to receive logistics management directives from the SMC.	B	interface	---	---		04.04.05
DMS-20770	The DDICT CI shall provide the capability to receive fault management directives from the SMC.	B	interface	---	---		04.04.05
DMS-20780	The DDICT CI shall provide the capability to receive security directives from the SMC.	B	interface	---	---		04.04.05
DMS-20790	The DDICT CI shall provide the capability to receive training management directives from the SMC.	B	interface	---	---		04.04.05
DMS-20820	The DDICT CI shall collect Fault Management Data and provide it to the MSS.	B	interface	---	---		04.04.05
DMS-20830	The DDICT CI shall collect Configuration Management Data and provide it to the MSS.	B	interface	---	---		04.04.05
DMS-20840	The DDICT CI shall collect Accountability Management Data and provide it to the MSS.	B	interface	---	---		04.04.05
DMS-20850	The DDICT CI shall collect Performance Management Data and provide it to the MSS.	B	interface	---	---		04.04.05
DMS-20860	The DDICT CI shall collect Scheduling Management Data and provide it to the MSS.	B	interface	---	---		04.04.05
DMS-20880	The DDICT CI shall have the capability to recieve from the Data Administrator, Data Administration Requests	B	functional	---	---		04.04.05
DMS-20890	The DDICT CI shall provide maintaine Valid Values for data elements, where the data element has an enumerated set of values as a constraint.	B	functional	---	---		04.04.05
DMS-20900	The DDICT CI shall maintain DAR parameters and DAR parameter constraints provided by EOC and External Instrument Operations Facilities (e.g. Landsat-7).	B	functional	---	---		04.04.05
DMS-20910	The DDICT CI shall provide access to the lists of the Valid Values for data elements, where the data element has an enumerated set of values as a constraint	B	functional	---	---		04.04.05
DMS-20930	The DDICT CI shall have the capability to export Dependent Valids Values to the ESDIS IMS.	B	interface	---	---		04.04.05
DMS-21000	The DDICT CI shall provide an application program interface for the submission of Service Requests.	B	functional	---	---		04.04.05
DMS-21010	The DDICT CI shall provide an application program interface for the submission of requests for administrative services.	B	functional	---	---		04.04.05
DMS-21020	The DDICT CI shall contain a thesarus of data dictionary entries.	B	functional	---	---	New L4 rqmt	04.04.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-23910	The Data Dictionary shall maintain ASTER DAR parameters and ASTER DAR parameter constraints provided by the ASTER instrument operations facilities.	B	functional	---	---		04.04.05
DMS-30060	The GTWAY CI shall provide the capability to establish sessions as the contxt for a series of service requests.	B	functional	---	---		04.04.06
DMS-30070	The GTWAY CI shall provide the capability to suspend an on-going session.	B	functional	---	---		04.04.06
DMS-30080	The GTWAY CI shall provide the capability to resume a previously suspended session.	B	functional	---	---		04.04.06
DMS-30090	The GTWAY CI shall provide the capability to terminate an established session.	B	functional				04.04.06
DMS-30110	The GTWAY CI shall provide the capability to save the result of a Service Request for later reuse.	B	functional	---	---		04.04.06
DMS-30120	The GTWAY CI shall, upon request, provide the current Result Set (complete or incomplete) to the client or specified destination.	B	functional	---	---		04.04.06
DMS-30130	The GTWAY CI shall provide the capability to terminate processing of active or suspended service requests.	B	functional	---	---		04.04.06
DMS-30140	The GTWAY CI shall provide the capability to suspend processing of active service requests.	B	functional	---	---		04.04.06
DMS-30150	The GTWAY CI shall provide the capability to resume processing of a previously suspended service request.	B	functional	---	---		04.04.06
DMS-30160	The GTWAY CI shall provide a capability to estimate the resources required to execute a pending Service request.	B	functional	---	---		04.04.06
DMS-30260	The GTWAY CI shall provide a capability to report the status of service requests submitted to it.	B	functional	---	---		04.04.06
DMS-30310	The GTWAY CI shall have the capability to send Inventory Search Requests to the Version 0 IMS using Version 0 system protocols.	B	functional	---	---		04.04.06
DMS-30320	The GTWAY CI shall have the capability to receive Inventory Search Results from the Version 0 IMS using Version 0 system protocols.	B	functional	---	---		04.04.06
DMS-30340	The GTWAY CI shall have the capability to send Browse Requests to the Version 0 IMS using Version 0 system protocols.	B	functional	---	---		04.04.06
DMS-30345	The GTWAY CI shall have the capability to receive Browse Results from the V0 IMS using Version 0 protocols.	B	interface	V0	DMS		04.04.06
DMS-30350	The GTWAY CI shall have the capability to send Product Requests to the Version 0 IMS using Version 0 system protocols.	B	functional	---	---		04.04.06
DMS-30550	The GTWAY CI shall provide the capability to translate ECS system protocols into Version 0 system protocol.	B	functional	---	---		04.04.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-30560	The GTWAY CI shall support two-way Level 2 or 3 catalog interoperability, as defined by the CEOS, for the interface between the ECS and the NOAA SAAs.	B	functional	---	---		04.04.06
DMS-30570	The GTWAY CI shall support two-way Level 3 catalog interoperability, as defined by the CEOS, for the interface between the ECS and V0.	B	functional	---	---		04.04.06
DMS-30600	The GTWAY CI shall have the capability to send User Authentication Requests to the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30610	The GTWAY CI shall have the capability to receive User Authentication Information from the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30620	The GTWAY CI shall have the capability to receive User Authentication Requests from the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30630	The GTWAY CI shall have the capability to send User Authentication Information to the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30640	The GTWAY CI shall have the capability to receive Inventory Search Requests from the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30650	The GTWAY CI shall have the capability to send Inventory Search Results to the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30660	The GTWAY CI shall have the capability to send Inventory Search Requests to the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30670	The GTWAY CI shall have the capability to receive Inventory Search Results from the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30680	The GTWAY CI shall have the capability to receive Browse Requests from the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30690	The GTWAY CI shall have the capability to send Browse Requests to the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30695	The GTWAY CI shall have the capability to receive Browse Results from the NOAA SAAs using Version 0 system protocols.	B	interface	SAA	DMS		04.04.06
DMS-30700	The GTWAY CI shall have the capability to send Product Requests to the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30710	The GTWAY CI shall have the capability to receive Product Delivery Status from the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30720	The GTWAY CI shall have the capability to send Product Delivery Status Requests to the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30730	The GTWAY CI shall have the capability to receive Product Requests from the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30740	The GTWAY CI shall have the capability to send Product Delivery Status to the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-30750	The GTWAY CI shall have the capability to receive Product Delivery Status Requests from the NOAA SAAs using Version 0 system protocols.	B	interface	---	---		04.04.06
DMS-30760	Partial Results shall consist of Search Results accumulated to the time of the request for partial results, or Search Results accumulated since the last request for partial results	B	functional	---	---		04.04.06
DMS-30800	The GTWAY CI shall be able to provide notification of events associated with sessions which require additional instructions, e.g., when requests exceed a specified threshold.	B	functional	---	---		04.04.06
DMS-30805	The GTWAY CI shall be able to provide notification of events associated with Service requests which require additional instructions, e.g., when resources for a request exceed a specified threshold.	B	functional	---	---		04.04.06
DMS-30810	The GTWAY CI shall provide an entry point to be used to respond to notifications of events which require instructions to be returned to the LIM CI.	B	functional	---	---		04.04.06
DMS-30820	The GTWAY CI shall provide the capability to accept and utilize the entry point to be used for asynchronous notification in asynchronous Service Requests.	B	functional	---	---		04.04.06
DMS-30830	The GTWAY CI shall provide the capability to disable asynchronous notifications, and provide default instructions for such notification events.	B	functional	---	---		04.04.06
DMS-30840	The GTWAY CI shall be able to accept notifications of events associated with sessions it has with other services.	B	functional	---	---		04.04.06
DMS-30845	The GTWAY CI shall be able to accept notifications of events associated with Service requests it issued to other services.	B	functional	---	---		04.04.06
DMS-30850	The GTWAY CI shall provide a capability to accept instructions associated with responses to notifications of events.	B	functional	---	---		04.04.06
DMS-30860	The GTWAY CI shall provide a capability to report the status of sessions established by it.	B	functional	---	---		04.04.06
DMS-30870	The GTWAY CI shall automatically suspend sessions that have been inactive for a specified time.	B	functional	---	---		04.04.06
DMS-30890	The GTWAY CI shall support multiple concurrent sessions.	B	functional	---	---		04.04.06
DMS-30900	The GTWAY CI shall support multiple service requests within a session.	B	functional	---	---		04.04.06
DMS-30910	The GTWAY CI shall log the initiation of a session.	B	functional	---	---		04.04.06
DMS-30920	The GTWAY CI shall log the termination of a session.	B	functional	---	---		04.04.06
DMS-30930	The GTWAY CI shall log the suspension of a session.	B	functional	---	---		04.04.06
DMS-30940	The GTWAY CI shall log the resumption of previously suspended	B	functional	---	---		04.04.06
DMS-30950	The GTWAY CI shall provide the capability for the operations staff to specify a "time-out" period for inactive sessions.	B	functional	---	---		04.04.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DMS-30960	The GTWAY CI shall provide the capability for the operations staff to suspend all active sessions.	B	functional	---	---		04.04.06
DMS-30970	The GTWAY CI shall provide the capability for the operations staff to resume any or all sessions, previously suspended by operations staff or clients.	B	functional	---	---		04.04.06
DMS-30980	The GTWAY CI shall provide the capability for the operations staff to terminate any or all active or suspended sessions.	B	functional	---	---		04.04.06
DMS-30990	The GTWAY CI shall send Notifications to users via email in the event that a users's request or session is canceled by operations staff.	B	functional	---	---		04.04.06
DMS-31000	The GTWAY CI shall provide the capability to restore a session after interruption.	B	functional	---	---		04.04.06
DMS-31020	The GTWAY CI shall log the suspension of processing of Service requests.	B	functional	---	---		04.04.06
DMS-31030	The GTWAY CI shall log the resumption of previously suspended Service requests.	B	functional	---	---		04.04.06
DMS-31050	The GTWAY CI shall ensure that databases which are distributed and replicated provide synchronized data.	B	functional	---	---	New L4	04.04.06
DMS-31060	The GTWAY CI shall have the capability to send Cost Estimate Requests to the NOAA SAAs using Version 0 protocols.	B	interface	DMS	SAA		04.04.06
DMS-31090	The GTWAY CI shall have the capability to receive Cost Estimate Requests from the NOAA SAAs using Version 0 protocols.	B	interface	SAA	DMS		04.04.06
DMS-31100	The GTWAY CI shall have the capability to send Guide queries to the NOAA SAAs using Version 0 protocols.	B	interface	DMS	SAA		04.04.06
DMS-31120	The GTWAY CI shall have the capability to send Guide query results to the NOAA SAAs using Version 0 protocols.	B	interface	DMS	SAA		04.04.06
DMS-31140	The GTWAY CI shall have the capability to send Ancillary Data Requests to the NOAA NMC using Version 0 protocols.	B	interface	DMS	NMC		04.04.06
DMS-31150	The GTWAY CI shall have the capability to send Product Availability Queries to the NOAA NMC using Version 0 protocols.	B	interface	DMS	NMC		04.04.06
DMS-31160	The GTWAY CI shall have the capability to send Guide Search Requests to the V0 IMS using Version 0 protocols.	B	interface	DMS	V0		04.04.06
DMS-31190	The GTWAY CI shall have the capability to receive Guide Search Results from the V0 IMS using Version 0 protocols.	B	interface	V0	DMS		04.04.06
DMS-60200	The DMGHW CI shall provide local storage as defined in Appendix E (Section E.8, Table E-9) of the current version of 304-CD-005.	B	performance	---	---	New L4 rqmt	04.04.07
DPS-20020	The PRONG CI shall have the capability to incorporate DAAC-developed software required to support discipline specific needs.	B	functional	---	---		04.07.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DPS-20030	The PRONG CI shall be capable of operating in a 24-hour a day, 7-day week mode.	B	performance	---	---		04.07.03
DPS-20150	The PRONG CI shall provide Accounting Management data to the MSS using a MSS provided Accounting Management API.	B	interface	---	---		04.07.03
DPS-20191	The PRONG CI shall have the capability to modify the configuration settings of the Data Processing subsystem Hardware resources.	B	functional	---	---	Replaces S-DPS-20190	04.07.03
DPS-20200	The PRONG CI shall provide Configuration Management data to the MSS using a MSS provided Configuration Management API.	B	interface	---	---		04.07.03
DPS-20691	The PRONG CI shall begin staging data at a time far enough in advance to complete staging of input data prior the predicted start of PGE execution.	B	functional	---	---	NONE	04.07.03
DPS-20692	The PRONG CI shall not begin staging data too far in advance of PGE execution in such a way that unnecessarily utilizes disk space.	B	functional	---	---	NONE	04.07.03
DPS-20693	The PRONG CI input data staging shall avoid the creation of deadlock situations.	B	functional	---	---	NONE	04.07.03
DPS-20694	The PRONG CI shall cancel input data staging if the DPR that initiated the input data staging is canceled.	B	functional	---	---	NONE	04.07.03
DPS-20695	The PRONG CI shall delete the staged data if the DPR that initiated the input data staging is cancelled and no other DPR needs it.	B	functional	---	---	NONE	04.07.03
DPS-20696	The PRONG CI shall complete the input data staging and suspend the PGE job if the suspension command is received at the time of data staging.	B	functional	---	---	NONE	04.07.03
DPS-21124	The PRONG CI shall receive advertisements from the IOS.	B	interface	IOS	DPS		04.07.03
DPS-21126	The PRONG CI shall send advertisement subscriptions to the IOS.	B	interface	DPS	IOS		04.07.03
DPS-21730	The operations staff shall have the capability to suspend the processing of a Data Processing Request.	B	functional	---	---		04.07.03
DPS-21740	The operations staff shall have the capability to resume suspended processing of a Data Processing Request.	B	functional	---	---		04.07.03
DPS-21855	The PRONG CI GUI shall conform to the guidelines in version 5.1 of the ECS User Interface Style Guide.	B	functional	---	---	NONE	04.07.03
DPS-21856	To the extent possible, the PRONG CI COTS GUI shall be configured to conform to the guidelines in version 5.1 of the ECS User Interface Style Guide.	B	functional	---	---	NONE	04.07.03
DPS-21860	The PRONG CI HMI Functions shall be accessible via an API (Application Program Interface).	B	functional	---	---		04.07.03
DPS-22560	The PRONG CI shall update the Processing State to suspend when the Operation Command specifies suspension.	B	functional	---	---		04.07.03
DPS-22590	The PRONG CI shall not perform any further processing on a Data Processing Request which is suspended.	B	functional	---	---		04.07.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DPS-22600	The PRONG CI shall reject the Operation Command which specified a resume if the Data Processing Request was not suspended.	B	functional	---	---		04.07.03
DPS-22611	When the resume Operation Command is used to resume processing for a Data Processing Request, the PRONG CI shall update the Processing State to the previous Processing State before the suspension.	B	functional	---	---	Replaces S-DPS-22610	04.07.03
DPS-30300	The PRONG CI shall process the EOS-AM spacecraft ancillary data to assess the quality of onboard orbit data to detect and note in metadata the following conditions: a. missing data b. erroneous data (i.e. if distance from origin deviates greatly from a neighboring set of points or if magnitude of velocity deviates greatly from the neighboring set of velocities) excluding data that reflects orbit adjust maneuvers	B	functional	---	---		04.07.03
DPS-30320	The PRONG CI shall report on the quality of onboard orbit data, noting: a) the number of missing data are more than a specified limit value over a specified time interval b) the number of contiguous missing data are more than a specified value	B	interface	---	---		04.07.03
DPS-30600	The PRONG CI shall process the EOS-AM spacecraft ancillary data to assess the quality of onboard attitude data contained in the EOS-AM spacecraft ancillary data to detect and note in metadata the folloowing conditions: a) missing data b) erroneous data (i.e. invalid Euler angle, invalid Euler angle rate).	B	functional	---	---		04.07.03
DPS-30710	The PRONG CI shall provide to the SDP Toolkit, at a minimum, the following metadata with the ephemeris data files for EOS-AM processing: a) time range b) orbit number range c) platform	B	functional	---	---		04.07.03
DPS-30750	The PRONG CI shall provide to the SDP Toolkit orbit and attitude data including platform position and velocity vectors and platform attitude/attitude rate data, in the native format of the host hardware for EOS-AM processing.	B	functional	---	---		04.07.03
DPS-30770	The PRONG CI shall provide to the SDP Toolkit orbit and attitude data, including platform position and velocity vectors and platform attitude/attitude rate data, in HDF-EOS format for EOS-AM processing.	B	functional	---	---		04.07.03
DPS-30900	The PRONG CI shall provide to the SDP Toolkit EDOS-generated L0 PDS as header and quality parameters all contained in the same physical file as the L0 telemetry packets.	B	functional	---	---		04.07.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DPS-30910	The PRONG CI shall provide to the SDP Toolkit EDOS-generated L0 PDS containing header information as specified in the EDOS-ECS ICD.	B	functional	---	---		04.07.03
DPS-30920	The PRONG CI shall provide to the SDP Toolkit EDOS-generated L0 PDS containing quality information as specified in the EDOS-ECS ICD.	B	functional	---	---		04.07.03
DPS-31010	The PRONG CI shall provide to the SDP Toolkit EDOS-generated L0 header in the native format of the host hardware.	B	functional	---	---		04.07.03
DPS-31030	The PRONG CI shall provide, at a minimum, the following metadata information to the SDP Toolkit with EDOS-generated L0 data: a. Actual start time of staged L0 data b. Actual end time of staged L0 data c. Number of physical L0 data files staged d. Start time of L0 data as requested by EOS investigators through the planning/processing system e. End time of L0 data as requested by EOS investigators through the planning/processing system f. APID of each L0 data file g. Orbit number or orbit number range of the staged L0 data file	B	functional	---	---		04.07.03
DPS-40835	The AITTL CI shall conform to the guidelines in version 5.1 of the ECS User Interface Style Guide.	B	functional	---	---	NONE	04.07.05
DPS-41100	The AITTL CI shall provide to the operations staff, via a GUI, the capability to display a list of Science Software Archive Packages in the Data Server.	B	functional	---	---		04.07.05
DPS-41110	The AITTL CI shall provide to the operations staff, via a GUI, the capability to display the metadata for a specific Science Software Archive Package.	B	functional	---	---		04.07.05
DPS-41120	The AITTL CI shall provide to the operations staff, via a GUI, the capability to display a list of the files that comprise a specific Science Software Archive Package.	B	functional	---	---		04.07.05
DPS-41130	The AITTL CI shall provide to the operations staff, via a GUI, the capability to retrieve a copy of a specified file belonging to a specific Science Software Archive Package.	B	functional	---	---		04.07.05
DPS-41140	The AITTL CI shall provide to the operations staff, via a GUI, the capability to add a new Science Software Archive Package to the Data Server.	B	functional	---	---		04.07.05
DPS-41150	The AITTL CI shall provide to the operations staff, via a GUI, the capability to add or remove a file to or from the set of files comprising a specific Science Software Archive Package.	B	functional	---	---		04.07.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DPS-41160	The AITTL CI shall provide to the operations staff, via a GUI, the capability to edit the metadata for a specific Science Software Archive Package.	B	functional	---	---		04.07.05
DPS-41170	The AITTL CI shall provide to the operations staff, via a GUI, the capability to remove a specific Science Software Archive Package from the Data Server.	B	functional	---	---		04.07.05
DPS-41180	The AITTL CI shall provide to the operations staff, via a GUI, the capability to define new data types for new Products produced by an Science Software Archive Package.	B	functional	---	---		04.07.05
DPS-41190	The AITTL CI SSAP GUI for adding an Science Software Archive Package to the Data Server shall have the capability of accepting its inputs from a file.	B	functional	---	---		04.07.05
DPS-41200	The AITTL CI SSAP GUI for adding an Science Software Archive Package to the Data Server shall provide the operations staff with the ability (a) to restrict update access to the Data Server to authorized personnel and (b) to maintain a record of updates made.	B	functional	---	---		04.07.05
DPS-41355	The AITTL CI SSAP GUI for updating the PGE Database shall provide the operations staff with the ability (a) to restrict update access to the PGE Database to authorized personnel and (b) to maintain a record of updates made.	B	functional	---	---		04.07.05
DPS-41360	The AITTL CI SSAP GUI for updating the PGE Database shall have the capability of accepting its inputs from a file.	B	functional	---	---		04.07.05
DPS-42365	The operations staff shall have the capability to use MSS profiling capabilities to determine the computing resources utilized by the execution of a chain of PGEs.	B	functional	---	---		04.07.05
DPS-60241	The SPRHW CI processing time shall not exceed the overall end-to-end turnaround time of 24 hours minus the processing time of other subsystems involved in instrument product processing.	B	performance	---	---		04.07.06
DPS-60242	The SPRHW CI processing shall be sized in accordance with processing requirements derived from Appendix E (Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	---	---		04.07.06
DPS-60251	The SPRHW CI storage capacity shall be sized in accordance with the volume requirement derived from Appendix E (Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	---	---	Same comment applies	04.07.06
DPS-60260	The SPRHW CI processing shall be sized in accordance with DAO processing requirements derived from Appendix E (Section E.1 Table E-1) of the current version of 304-CD-005.	B	performance	---	---	These requirements apply only to release B DAO processing and capacity .	04.07.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DPS-60270	The SPRHW CI storage capacity shall be sized in accordance with the DAO data volume requirement derived from Appendix E (Section E.1 Table E-1) of the current version of 304-CD-005.	B	performance	---	---	Same comments Apply	04.07.06
DPS-60351	The SPRHW CI shall contribute to the generation of Level 1 Standard Products within 24 hours after processing is initiated.	B	performance	---	---	Replaces S-DPS-60350	04.07.06
DPS-60361	The SPRHW CI shall contribute to the generation of Level 2 Standard Products within 24 hours after processing is initiated.	B	performance	---	---	Replaces S-DPS-60360	04.07.06
DPS-60371	The SPRHW CI shall contribute to the generation of Level 3 Standard Products within 24 hours after processing is initiated.	B	performance	---	---	Replaces S-DPS-60370	04.07.06
DPS-60410	The SPRHW CI shall be capable of operating in a 24 hour per day, 7 days a week mode.	B	operational				04.07.06
DPS-61125	The SPRHW CI POSIX.2 compliant platform shall have the following utilities installed at a minimum: perl, emacs, gzip, tar, imake, prof, gprof, nm, gtar, and gmake.	B	functional	---	---	none	04.07.06
DSS-00070	The SDSRV CI shall accept Service Requests from the Data Processing subsystem and, as a result, provide access to Data for the purpose of reprocessing.	B	interface	---	---		04.05.03
DSS-00115	The SDSRV CI shall accept Search Status Requests for a specified active Search Request and, if requested, provide all Search Results accumulated for that Search Request.	B	functional	---	---		04.05.03
DSS-00116	The SDSRV CI shall accept Search Status Requests for a specified active Search Request and, if requested, provide all Search Results accumulated since the last Search Status Request for that Search Request.	B	functional	---	---		04.05.03
DSS-00180	The SDSRV CI shall accept and process Data Requests for Data Products that are produced on demand using the resources available to the Data Server.	B	functional	---	---		04.05.03
DSS-00200	The SDSRV CI shall provide the capability for a user to delete their own queued Data Request.	B	functional	---	---		04.05.03
DSS-00210	The SDSRV CI shall provide operations staff the capability to update the Priority Information for a queued Service Request.	B	functional	---	---		04.05.03
DSS-00215	The SDSRV CI shall provide operations staff the capability to modify any field in a queued Service request.	B	functional	---	---		04.05.03
DSS-00230	The SDSRV CI shall provide users the capability to cancel their own Service Requests.	B	functional	---	---		04.05.03
DSS-00240	The SDSRV CI shall determine which Data Requests require post-retrieval processing.	B	functional	---	---		04.05.03
DSS-00250	The SDSRV CI shall provide an application program interface for the submission of Service Requests.	B	functional	---	---		04.05.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-00260	The SDSRV CI shall provide an application program interface for the submission of requests for administrative services.	B	functional	---	---		04.05.03
DSS-00264	The SDSRV CI shall provide an application program interface which permits DAAC operations staff to link special subsetting capabilities into a Science Data Server.	B	functional	---	---		04.05.03
DSS-00270	The SDSRV CI shall accept and process Data Requests for Repaired Orbit Data.	B	functional	---	---		04.05.03
DSS-00280	The SDSRV CI shall accept and process Data Requests for Attitude Data.	B	functional	---	---		04.05.03
DSS-00290	The SDSRV CI shall accept Suspend Requests to suspend processing a client session.	B	functional	---	---		04.05.03
DSS-00300	The SDSRV CI shall accept Resume Requests to resume processing of a client session.	B	functional	---	---		04.05.03
DSS-00310	The SDSRV CI shall provide the capability for authorized clients to submit Service Requests batch mode.	B	functional	---	---		04.05.03
DSS-00320	The SDSRV CI shall notify clients that issue Cancellation Requests that the associated Service Request has been canceled or the associated Service Request was completed.	B	functional	---	---		04.05.03
DSS-00330	The SDSRV CI shall record Request Identifiers to be used for accounting purposes.	B	functional	---	---		04.05.03
DSS-00331	The SDSRV CI shall record the User Identifier of the science investigator associated with a Service Request, to be used for accounting purposes.	B	functional	---	---		04.05.03
DSS-00332	The SDSRV CI shall record the amount of user storage associated with a science user, to be used for accounting purposes.	B	functional	---	---		04.05.03
DSS-00333	The SDSRV CI shall record the amount of connect time associated with a science user, to be used for accounting purposes.	B	functional	---	---		04.05.03
DSS-00340	The SDSRV CI shall record the level of CPU utilization for each Service Request to be used for accounting.	B	functional	---	---		04.05.03
DSS-00350	The SDSRV CI shall record the level of I/O utilization for each Service Request to be used for accounting.	B	functional	---	---		04.05.03
DSS-00360	The SDSRV CI shall record, for accounting purposes, a fixed personnel cost for Service Requests requiring interaction with operations staff.	B	functional	---	---		04.05.03
DSS-00370	The SDSRV CI shall record a archival storage cost based on the number of bytes stored, to be used for accounting.	B	functional	---	---		04.05.03
DSS-00375	The SDSRV CI shall associate User Accounting Information with client sessions.	B	functional	---	---		04.05.03
DSS-00376	The SDSRV CI shall provide User Accounting Information to the SMC.	B	interface	---	---		04.05.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-00377	The SDSRV CI shall support operations staff in the creation of utilization reports, and operations staff shall distribute them on a periodic basis to a predefined list of report recipients.	B	functional	---	---		04.05.03
DSS-00378	Operations staff shall be able to distribute SDSRV utilization reports eletronically or in hard copy or on eletronic media.	B	functional	---	---		04.05.03
DSS-00400	The SDSRV CI shall accept pricing information, based on disk, CPU and media utilization, from CSMS.	B	interface	---	---		04.05.03
DSS-00410	The SDSRV CI shall provide actual cost information by the completion of a Service Request.	B	functional	---	---		04.05.03
DSS-00420	The SDSRV CI shall record the amount of media utilized for a Distribution Request.	B	functional	---	---		04.05.03
DSS-00430	The SDSRV CI shall accept the amount of media utilized from the distribution services.	B	functional	---	---		04.05.03
DSS-00440	The SDSRV CI shall be capable of providing estimated Service Request Cost.	B	functional	---	---		04.05.03
DSS-00730	The SDSRV CI shall provide the capability to store Metadata problem reports.	B	functional	---	---		04.05.03
DSS-00732	The SDSRV CI shall provide the capability for one Data Server to accept Data Availability Schedules from another Data Server.	B	functional	---	---		04.05.03
DSS-00740	The SDSRV CI shall notify operations staff of the receipt of Metadata problem reports.	B	functional	---	---		04.05.03
DSS-00750	The SDSRV CI shall provide Metadata problem reports to operations staff upon request.	B	functional	---	---		04.05.03
DSS-00760	The SDSRV CI shall provide application program interfaces to all the operator functions.	B	functional	---	---		04.05.03
DSS-00770	The SDSRV CI shall utilize vendor supplied tools to analyze system CPU performance.	B	functional	---	---		04.05.03
DSS-00780	The SDSRV CI shall utilize vendor supplied tools to monitor the performance of query processing.	B	functional	---	---		04.05.03
DSS-00790	The SDSRV CI shall utilize vendor supplied tools to analyze system storage performance.	B	functional	---	---		04.05.03
DSS-00800	The SDSRV CI shall utilize vendor supplied tools to tune system throughput performance.	B	functional	---	---		04.05.03
DSS-00810	The SDSRV CI shall utilize vendor supplied tools to analyze system throughput performance.	B	functional	---	---		04.05.03
DSS-00830	The SDSRV CI shall collect Fault Management Data, such as, device failures, Service Request failures, transmission failures and general failures. This information shall be sent to the SMC for fault isolation.	B	interface	---	---		04.05.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-00840	The SDSRV CI shall inform the collocated elements of ECS if resource availability falls below nominal operating parameters. This applies to staging resources and peripheral resources.	B	functional	---	---		04.05.03
DSS-00920	The SDSRV CI shall provide Logistics Status to the SMC.	B	functional	---	---		04.05.03
DSS-00930	The SDSRV CI shall provide training information to the SMC.	B	interface	---	---		04.05.03
DSS-00980	The SDSRV CI operations staff shall have the capability to receive from the SMC, maintenance directives.	B	interface	---	---		04.05.03
DSS-00990	The SDSRV CI operations staff shall have the capability to receive from the SMC, directives for integration, testing, and simulation.	B	interface	---	---		04.05.03
DSS-01000	The SDSRV CI operations staff shall have the capability to receive from the SMC, configuration management directives.	B	interface	---	---		04.05.03
DSS-01010	The SDSRV CI operations staff shall have the capability to receive from the SMC, logistics management directives.	B	interface	---	---		04.05.03
DSS-01020	The SDSRV CI operations staff shall have the capability to receive from the SMC fault management directives.	B	interface	---	---		04.05.03
DSS-01030	The SDSRV CI operations staff shall have the capability to receive from the SMC security directives.	B	interface	---	---		04.05.03
DSS-01035	The SDSRV CI operations staff shall have the capability to receive from the SMC scheduling directives, and scheduling adjudication directives.	B	interface	---	---		04.05.03
DSS-01040	The SDSRV CI operations staff shall provide integration, testing, and simulation status to the SMC.	B	interface	---	---		04.05.03
DSS-01050	The SDSRV CI operations staff shall have the capability to receive training management directives from the SMC.	B	interface	---	---		04.05.03
DSS-01080	The SDSRV CI shall notify operations staff in the event that data required for an on-demand data production is not accessible.	B	functional	---	---		04.05.03
DSS-01170	The SDSRV CI shall provide the capability to monitor resource utilization on a client basis.	B	functional	---	---		04.05.03
DSS-01200	The SDSRV CI shall notify the requester in the event that an on-demand data production cannot be completed.	B	functional	---	---		04.05.03
DSS-01220	The SDSRV CI shall provide the capability for a client to suspend processing of a client session.	B	functional	---	---		04.05.03
DSS-01290	The SDSRV CI shall provide the capability for the operations staff to suspend all active client sessions.	B	functional	---	---		04.05.03
DSS-01300	The SDSRV CI shall provide the capability for the operations staff to resume any or all client sessions, previously suspended by operations staff or clients.	B	functional	---	---		04.05.03
DSS-01310	The SDSRV CI shall provide the capability for the client to resume a client session, previously suspended by the client.	B	functional	---	---		04.05.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-01320	The SDSRV CI shall provide the capability for the operations staff to terminate any or all active or suspended client sessions.	B	functional	---	---		04.05.03
DSS-01330	The SDSRV CI shall provide the capability for the client to terminate any or all active or suspended client sessions that were previously initiated by the client.	B	functional	---	---		04.05.03
DSS-01360	The SDSRV CI shall, in the event of a restart after a processing failure, recover the state of all Service Requests, including the rollback of all incomplete Data Base Transactions, and the recovery of all complete Data Base Transactions.	B	functional	---	---		04.05.03
DSS-01410	The SDSRV CI shall log the suspension of the processing of a Service Request or the suspension of a client session.	B	functional	---	---		04.05.03
DSS-01420	The SDSRV CI shall log the resumption of a previously suspended Service Request or client session.	B	functional	---	---		04.05.03
DSS-01440	The SDSRV CI shall provide client Session Status Information to the requester.	B	functional	---	---		04.05.03
DSS-01450	The SDSRV CI shall provide application programming interfaces capable of supporting the development of extensions for the addition of Metadata fields that are unique to the data maintained at a specific DAAC.	B	functional	---	---		04.05.03
DSS-01474	The SDSRV CI shall validate Subscription Requests for time interval events. Time intervals will be limited to daily, weekly, or monthly.	B	functional	---	---		04.05.03
DSS-01520	The SDSRV CI shall provide the capability to notify a user that a new version of the data has been archived.	B	functional	---	---		04.05.03
DSS-01540	The SDSRV CI shall provide the capability to bundle notification of discrete events into a single notice to the subscriber.	B	functional	---	---		04.05.03
DSS-01560	The SDSRV CI shall accept Subscription Update Requests to update stored Subscriptions by changing the event or the action.	B	functional	---	---		04.05.03
DSS-01580	The SDSRV CI shall provide the capability for operations staff to update the stored Subscriptions by changing the event and/or action.	B	functional	---	---		04.05.03
DSS-01590	The SDSRV CI shall provide the capability for a user client to update their stored Subscriptions by changing the action and/or event.	B	functional	---	---		04.05.03
DSS-01620	The SDSRV CI shall validate that Subscription Update Requests specify a valid Subscription Identifier and a valid replacement Subscription.	B	functional	---	---		04.05.03
DSS-01700	The SDSRV CI shall periodically report on new events for timer-based Subscriptions and will not repeat notification of old events.	B	functional	---	---		04.05.03
DSS-01790	The SDSRV CI shall provide access to compound data type services.	B	functional	---	---		04.05.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-02901	The SDSRV CI shall provide the capability to subset, subsample, or average data within a granule based on Geographic location for products specified in Appendix F - Data Type Matrix, of the current version of 304-CD-005.	B	functional	---	---	B: (x, y, z) (spatial with rectangular boundaries)	04.05.03
DSS-02902	The SDSRV CI shall provide the capability to subset, subsample, or average data within a granule based on Spectral band for products specified in Appendix F - Data Type Matrix, of the current version of 304-CD-005.	B	functional	---	---		04.05.03
DSS-02903	The SDSRV CI shall provide the capability to subset, subsample, or average data within a granule based on Time for products specified in Appendix F - Data Type Matrix, of the current version of 304-CD-005.	B	functional	---	---		04.05.03
DSS-02904	The SDSRV CI shall provide the capability to subset, subsample, or average data within a granule based on WRS for products specified in Appendix F - Data Type Matrix, of the current version of 304-CD-005.	B	functional	---	---		04.05.03
DSS-03002	The SDSRV CI shall be capable of receiving L0 - L4 Data.	B	functional	---	---		04.05.03
DSS-03004	The SDSRV CI shall be capable of receiving Ancillary Data.	B	functional	---	---		04.05.03
DSS-03006	The SDSRV CI shall be capable of receiving Metadata associated with Ancillary Data.	B	functional	---	---		04.05.03
DSS-03050	The SDSRV CI shall be capable of receiving FDF Orbit Data for AM-1 instruments.	B	functional	---	---		04.05.03
DSS-03060	The SDSRV CI shall be capable of receiving FDF Attitude Data for AM-1 instruments.	B	functional	---	---		04.05.03
DSS-03100	The SDSRV CI shall be capable of receiving FDF Metadata for Orbit and Attitude data for AM-1 instruments.	B	functional	---	---		04.05.03
DSS-03122	The SDSRV CI shall be capable of receiving real EOS instrument data to support pre-launch checkout of the ground system.	B	functional	---	---		04.05.03
DSS-03124	The SDSRV CI shall be capable of receiving simulated EOS instrument data to support pre-launch checkout of the ground system.	B	functional	---	---		04.05.03
DSS-03190	The SDSRV CI shall be capable of receiving Orbit/Attitude data.	B	functional	---	---		04.05.03
DSS-03200	The SDSRV CI shall be capable of receiving Metadata associated with Orbit/Attitude data.	B	functional	---	---		04.05.03
DSS-03290	The SDSRV CI shall be capable of receiving Spacecraft Historical Data.	B	functional	---	---		04.05.03
DSS-03330	The SDSRV CI shall be capable of receiving TBD Special Data Products.	B	functional	---	---		04.05.03
DSS-03340	The SDSRV CI shall be capable of receiving Metadata associated with TBD Special Data Products.	B	functional	---	---		04.05.03
DSS-03361	The SDSRV CI shall be capable of receiving NMC data.	B	functional	---	---		04.05.03
DSS-03362	The SDSRV CI shall be capable of receiving First Look Products from the DAO.	B	functional	---	---		04.05.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-03363	The SDSRV CI shall be capable of receiving Reanalysis Products from the DAO.	B	functional	---	---		04.05.03
DSS-03364	The SDSRV CI shall be capable of receiving Final Analysis Products from the DAO.	B	functional	---	---		04.05.03
DSS-03400	The SDSRV CI shall verify compliance of scientist provided data with EOSDIS defined standards for file content and structure (not scientific content).	B	functional	---	---		04.05.03
DSS-03410	The SDSRV CI shall verify compliance of scientist provided Metadata with EOSDIS defined standards for Metadata content and structure (not scientific content).	B	functional	---	---		04.05.03
DSS-03460	The SDSRV CI shall interface with the STMGT CI to provide storage for FDF Orbit Data for AM-1 instruments.	B	interface	---	---		04.05.03
DSS-03470	The SDSRV CI's MD Component shall provide storage for Metadata associated with FDF Orbit and Attitude Data for AM-1 instruments.	B	interface	---	---		04.05.03
DSS-03492	The SDSRV CI shall interface with the STMGT CI to provide storage for real EOS instrument data to support pre-launch checkout of the ground system.	B	functional	---	---		04.05.03
DSS-03494	The SDSRV CI shall interface with the STMGT CI to provide storage for simulated EOS instrument data to support pre-launch checkout of the ground system.	B	functional	---	---		04.05.03
DSS-03600	The SDSRV CI shall interface with the STMGT CI to provide storage for production plans.	B	interface	---	---		04.05.03
DSS-03660	The SDSRV CI shall interface with the STMGT CI to provide storage for spacecraft historical data.	B	interface	---	---		04.05.03
DSS-03700	The SDSRV CI shall interface with the STMGT CI to provide storage for TBD special Data Products.	B	interface	---	---		04.05.03
DSS-03710	The SDSRV CI's MD Component shall provide storage for Metadata associated with TBD special Data Products.	B	interface	---	---		04.05.03
DSS-03741	The SDSRV CI shall interface with the STMGT CI to provide storage for NMC data.	B	functional	---	---		04.05.03
DSS-03742	The SDSRV CI shall interface with the STMGT CI to provide storage for First Look Products.	B	functional	---	---		04.05.03
DSS-03743	The SDSRV CI shall interface with the STMGT CI to provide storage for Reanalysis Products.	B	functional	---	---		04.05.03
DSS-03744	The SDSRV CI shall interface with the STMGT CI to provide storage for Final Analysis Products.	B	functional	---	---		04.05.03
DSS-03940	The SDSRV CI shall be capable of receiving estimated disk utilization from the PLANG CI.	B	interface	---	---		04.05.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-03950	The SDSRV CI shall be capable of receiving estimated CPU utilization from the PLANG CI.	B	interface	---	---		04.05.03
DSS-03960	The SDSRV CI shall be capable of receiving estimated disk utilization from the STMGT CI.	B	interface	---	---		04.05.03
DSS-03990	The SDSRV CI shall be capable of receiving actual disk utilization from the PLANG CI.	B	interface	---	---		04.05.03
DSS-03992	The SDSRV CI shall interface with the STMGT CI to provide storage for real EOS instrument data to support pre-launch checkout of the ground system.	B	functional	---	---		04.05.03
DSS-03994	The SDSRV CI shall interface with the STMGT CI to provide storage for simulated EOS instrument data to support pre-launch checkout of the ground system.	B	functional	---	---		04.05.03
DSS-04000	The SDSRV CI shall be capable of receiving actual CPU utilization from the PLANG CI.	B	interface	---	---		04.05.03
DSS-04010	The SDSRV CI shall be capable of receiving actual disk utilization from the STMGT CI.	B	interface	---	---		04.05.03
DSS-04038	The SDSRV CI shall supply L0 - L4 Data to the DDIST CI.	B	functional	---	---		04.05.03
DSS-04080	The SDSRV CI shall supply FDF orbit data for AM-1 instruments packages to the DDIST CI.	B	interface	---	---		04.05.03
DSS-04082	The SDSRV CI shall supply FDF attitude data for AM-1 instruments packages to the DDIST CI.	B	interface	---	---		04.05.03
DSS-04112	The SDSRV CI shall be capable of supplying real EOS instrument data to support pre-launch checkout of the ground system to the DDIST CI.	B	functional	---	---		04.05.03
DSS-04114	The SDSRV CI shall be capable of supplying simulated EOS instrument data to support pre-launch checkout of the ground system to the DDIST CI.	B	functional	---	---		04.05.03
DSS-04180	The SDSRV CI shall supply Orbit/Attitude Data to the DDIST CI.	B	interface	---	---		04.05.03
DSS-04190	The SDSRV CI's MD Component shall supply Metadata associated with Orbit/Attitude Data to the DDIST CI.	B	interface	---	---		04.05.03
DSS-04320	The SDSRV CI shall supply TBD special Data Products to the DDIST CI.	B	interface	---	---		04.05.03
DSS-04330	The SDSRV CI's MD Component shall supply Metadata associated with TBD special Data Products to the DDIST CI.	B	interface	---	---		04.05.03
DSS-04332	The SDSRV CI shall supply Research results (articles, algorithms, data sets, software) to the DDIST CI.	B	interface	---	---		04.05.03
DSS-04340	The SDSRV CI shall supply V0 migration Data Products to the DDIST CI.	B	interface	---	---		04.05.03
DSS-04350	The SDSRV CI shall supply Metadata associated with V0 migration Data Products to the DDIST CI.	B	interface	---	---		04.05.03
DSS-04351	The SDSRV CI shall supply NMC data to the DDIST CI.	B	functional	---	---		04.05.03
DSS-04352	The SDSRV CI shall supply First Look Products to the DDIST CI.	B	functional	---	---		04.05.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-04353	The SDSRV CI shall supply Reanalysis Products to the DDIST CI.	B	functional	---	---		04.05.03
DSS-04354	The SDSRV CI shall supply Final Analysis Products to the DDIST CI.	B	functional	---	---		04.05.03
DSS-04410	The SDSRV CI's MD Component shall have the ability to store references to Orbit/Attitude Data as Metadata for science data.	B	functional	---	---		04.05.03
DSS-04500	The SDSRV CI's MD Component shall have the ability to indicate the need for on-demand product generation as Metadata for science data.	B	functional	---	---		04.05.05
DSS-04620	The SDSRV CI shall update the Metadata for a data item that has been purged from the system.	B	functional	---	---		04.05.03
DSS-04630	The SDSRV CI shall update the Metadata whenever a data item is relocated to another site.	B	functional	---	---		04.05.03
DSS-04720	The SDSRV CI shall provide DARs to ASTER ICC.	B	functional	---	---		04.05.03
DSS-04730	The SDSRV CI shall accept DARs from the client.	B	functional	---	---		04.05.03
DSS-04740	The SDSRV CI shall provide DAR status to the client, in response to DAR Status Requests.	B	functional	---	---		04.05.03
DSS-04745	The SDSRV CI shall provide operations staff with the ability to display and list outstanding DARs that are accessible by the Data Server.	B	functional	---	---		04.05.03
DSS-04750	The SDSRV CI shall accept DAR Status from IPs	B	functional	---	---		04.05.03
DSS-04760	The SDSRV CI shall accept Subscription Requests from the client linked to a specified, existing DAR.	B	functional	---	---		04.05.03
DSS-04770	The SDSRV CI shall send DAR Status Requests to ASTER ICC.	B	interface	---	---		04.05.03
DSS-04780	The SDSRV CI shall receive DAR Status from the ASTER ICC.	B	interface	---	---		04.05.03
DSS-10020	The DDSRV CI shall accept Subscriptions for metadata from the client.	B	functional	---	---		04.05.04
DSS-10055	The DDSRV CI shall provide, to qualified users, access to all documents and data types held in the server's collection.	B	functional	---	---		04.05.04
DSS-10202	The DDSRV CI shall provide the capability to ingest documentation in Microsoft WORD format.	B	functional	---	---		04.05.04
DSS-10206	The DDSRV CI shall provide the capability to ingest documentation in Interleaf format.	B	functional	---	---		04.05.04
DSS-10208	The DDSRV CI shall provide the capability to ingest documentation in WordPerfect format.	B	functional	---	---		04.05.04
DSS-10230	The DDSRV CI shall provide application programming interfaces that support addition of documents for use as Guide data for DAAC-specific Data Products.	B	functional	---	---		04.05.04
DSS-10231	The DDSRV CI shall utilize vendor supplied tools to analyze system CPU performance.	B	functional	---	---		04.05.04
DSS-10232	The DDSRV CI shall utilize vendor supplied tools to analyze system throughput performance.	B	functional	---	---		04.05.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-10233	The DDSRV CI shall collect Fault Management Data, such as, device failures, Service Request failures, transmission failures and general failures. This information shall be sent to the SDSRV CI for forwarding to the SMC for fault isolation.	B	interface	---	---		04.05.04
DSS-10260	The DDSRV CI shall provide application programming interfaces that support development of extensions for addition of documents for use as Guide data for DAAC-specific Data Products.	B	functional	---	---		04.05.04
DSS-10300	The Document Data Server shall complete a search for a guide document by a single keyword in not exceeding 8 seconds.	B	performance	---	---		04.05.11
DSS-10305	The Document Data Server shall complete a directory search using a single keyword in a period not to exceed 8 seconds.	B	performance	---	---		04.05.11
DSS-10306	The Document Data Server shall complete a directory search using multiple keywords in a period not to exceed 13 seconds.	B	performance	---	---		04.05.11
DSS-10310	The Document Data Server shall complete a keyword search on a 1000 page document of not exceeding 3 seconds.	B	performance	---	---		04.05.11
DSS-20210	For any EOS Level 0 or L1A (if L0 is not available) data item that can not be located or is inaccessible and can not be re-created, the STMGT CI shall notify the operator which data item is missing and the operator shall request the data item be re-ingested from EDOS.	B	functional	---	---		04.05.05
DSS-20260	For each piece of archive media, the STMGT CI shall provide the capability to display the length of time to store data on the media before deletion.	B	functional	---	---		04.05.05
DSS-20270	The STMGT CI shall provide the capability to change the length of time to store data on archive media before deletion of the data.	B	functional	---	---		04.05.05
DSS-20280	The STMGT CI shall provide the capability to directly notify active users when Data Products will be deleted.	B	functional	---	---		04.05.05
DSS-20290	The STMGT CI shall provide the capability to indirectly notify users when Data Products will be deleted via a bulletin board type mechanism.	B	functional	---	---		04.05.05
DSS-20450	The STMGT CI shall provide the capability to archive real EOS instrument data to support pre-launch checkout of the ground system.	B	functional	---	---		04.05.05
DSS-20455	The STMGT CI shall provide the capability to retrieve real EOS instrument data to support pre-launch check out of ground systems.	B	functional	---	---		04.05.05
DSS-20460	The STMGT CI shall provide the capability to archive simulated EOS instrument data to support pre-launch checkout of the ground system.	B	functional	---	---		04.05.05
DSS-20462	The STMGT CI shall provide the capability to retrieve simulated EOS instrument data to support pre-launch checkout of the ground system.	B	functional	---	---		04.05.05
DSS-20470	The STMGT CI shall provide the capability to retrieve simulated EOS instrument data to support pre-launch checkout of the ground system.	B	functional	---	---		04.05.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-20550	The STMGT CI shall provide operations staff a mechanism to display/view storage system operating parameters which affect storage system performance.	B	functional	---	---		04.05.05
DSS-20560	The STMGT CI shall provide operations staff a mechanism to display/view storage system operating parameters which affect storage system scheduling.	B	functional	---	---		04.05.05
DSS-20570	The STMGT CI shall provide operations staff the capability to change storage system operating parameters which affect storage system performance.	B	functional	---	---		04.05.05
DSS-20580	The STMGT CI shall provide operations staff the capability to change storage system operating parameters which affect storage system scheduling.	B	functional	---	---		04.05.05
DSS-20610	The STMGT CI shall provide the capability to archive multiple versions of Data Granules.	B	functional	---	---		04.05.05
DSS-20624	The STMGT CI shall provide a mechanism to statistically monitor the checksum error rate of archive media.	B	functional	---	---		04.05.05
DSS-20625	The STMGT CI shall allow the operator to manually specify archive media to be recopied/refreshed.	B	functional	---	---		04.05.05
DSS-20720	The STMGT CI shall provide a mechanism to mark data for deletion. The mechanism shall be based on selection of max time to store data before it's deleted from storage. It shall also mark earlier versions when multiple versions have been archived.	B	functional	---	---		04.05.05
DSS-20730	The STMGT CI shall provide a mechanism to automatically delete archived data which has been marked for deletion.	B	functional	---	---		04.05.05
DSS-20750	For data retrieval requests for L0 data from EDOS, STMGT CI shall satisfy such requests with appropriate L0 or L1A data. Note: These instruments provide L0 data, CERES, LIS, ASTER, MISR, MODIS, MOPPIT; these provide L1A data, LIS, PR, TMI, VIRS.	B	functional	---	---		04.05.05
DSS-20800	The STMGT CI shall use operator selectable criteria to determine the physical storage device that data types will be stored in. This criteria shall consider: current store and retrieval activity, number of storage devices, type of data to be stored.	B	functional	---	---		04.05.05
DSS-20810	The STMGT CI shall provide operations staff the capability to manually alter the criteria that determines the physical storage device that data sets will be stored in.	B	functional	---	---		04.05.05
DSS-20820	The STMGT CI shall provide operations staff the capability to alter the criteria that determines removal of archive media from storage devices to allow insertion of new or different archive media in the storage device.	B	functional	---	---		04.05.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-20830	In determining the archive media to be removed, the STMGT CI shall ensure that the criteria consider the media's capacity for storing additional data, the last time data was accessed on the media and whether the media is currently in use to store or retrieve data.	B	functional	---	---		04.05.05
DSS-20840	The STMGT CI shall report information on the storage system. Information reported shall include file access time, file accesses per hour, size of files stored onto archive media, size of files retrieved from archive media, amount of storage allocated.	B	functional	---	---		04.05.05
DSS-20850	The STMGT CI shall collect information on the storage system, i.e. avg access time, avg number of accesses per hour, mean request inter-arrival time, avg file size stored, avg file size retrieved and avg file residency time on disk.	B	functional	---	---		04.05.05
DSS-20860	The STMGT CI shall provide a mechanism to monitor the performance of the ECS archival storage system.	B	functional	---	---		04.05.05
DSS-20870	The STMGT CI shall provide operations staff the capability to view/display performance information on the storage system.	B	functional	---	---		04.05.05
DSS-21130	The STMGT CI shall provide estimates of staging device time delays for subsetted Data Requests.	B	functional	---	---		04.05.05
DSS-21140	The STMGT CI shall provide estimates of staging device time delays for subsampled Data Requests.	B	functional	---	---		04.05.05
DSS-21150	The STMGT CI shall provide estimates of staging device time delays for summary Data Requests.	B	functional	---	---		04.05.05
DSS-21240	The STMGT CI shall provide operations staff a mechanism to display/view storage system utilization by ECS element.	B	functional	---	---		04.05.05
DSS-21250	The STMGT CI shall provide operations staff a mechanism to display/view storage system performance by ECS element.	B	functional	---	---		04.05.05
DSS-21260	The STMGT CI shall provide operations staff a mechanism to display/view storage system cost by ECS element.	B	functional	---	---		04.05.05
DSS-21280	The SDSRV CI shall provide application programming interfaces (APIs) to support Insert Requests.	B	functional	---	---		04.05.03
DSS-21290	The STMGT CI shall provide application programming interfaces (APIs) to support Retrieval Requests.	B	functional	---	---		04.05.05
DSS-21300	The STMGT CI shall provide application programming interfaces (APIs) to support Status Requests related to previous Insert Requests.	B	functional	---	---		04.05.05
DSS-21310	The STMGT CI shall provide application programming interfaces (APIs) to support Status Requests related to previous Retrieval Requests.	B	functional	---	---		04.05.05
DSS-21320	The STMGT CI shall provide the capability to estimate time delays for data retrievals due to contention for hardware resources.	B	functional	---	---		04.05.05

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-21340	The STMGT CI shall provide data to support administrative requests for Accounting Management Data.	B	functional	---	---		04.05.05
DSS-21350	The STMGT CI shall collect Accounting Management Data as defined in Appendix K of the current version of 304-CD-005.	B	functional	---	---		04.05.05
DSS-21430	The STMGT CI shall provide operations staff a mechanism to delete records from the File Directory.	B	functional	---	---		04.05.05
DSS-21610	The MSFC DAAC Science Management within the Data Server shall make TSDIS original standard products (Level 1B-3) eligible for deletion after 6 months	B	performance	---	---		04.05.11
DSS-30190	The DDIST CI shall record the cost of the shipping and handling of the media associated with each Media Distribution request.	B	functional	---	---		04.05.06
DSS-30200	The DDIST CI shall record the network cost of data transmission, the User Identifier and the Request Identifier.	B	functional	---	---		04.05.06
DSS-30210	The DDIST CI shall record the cost of CPU intensive operations performed on data to be distributed. Such operations include compression/decompression and reformatting.	B	functional	---	---		04.05.06
DSS-30220	The DDIST CI shall record the cost of archive storage for data to be distributed based on distribution size.	B	functional	---	---		04.05.06
DSS-30230	The DDIST CI shall provide the capability to report the estimated media utilization to the SDSRV CI.	B	functional	---	---		04.05.06
DSS-30240	The DDIST CI shall provide the capability to report the actual media utilization to the SDSRV CI.	B	functional	---	---		04.05.06
DSS-30245	The DDIST CI shall provide the capability to report accounting data to the SDSRV CI.	B	functional	---	---		04.05.06
DSS-30296	The DDIST CI shall alert SMC when electronic transmission problems are encountered.	B	interface	---	---		04.05.06
DSS-30450	The DDIST CI shall provide the capability to distribute on 4mm tape.	B	functional	---	---		04.05.06
DSS-30460	The DDIST CI shall provide the capability to distribute on 3480/3490 tape.	B	functional	---	---		04.05.06
DSS-30482	The DDIST CI shall provide the capability to support additional data distribution formats and conversion software.	B	functional	---	---		04.05.06
DSS-30500	If the number of correctable errors exceed a system threshold for a piece of media, the DDIST CI shall abort the operation and automatically request a new piece of media from operations staff.	B	functional	---	---		04.05.06
DSS-30510	Operations staff shall have the capability to specify a threshold of correctable errors for each type of distribution media.	B	functional	---	---		04.05.06
DSS-30620	The DDIST CI shall provide the capability to distribute documents electronically via FAX transmissions.	B	functional	---	---		04.05.06

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
DSS-30690	For physical media distributions, the DDIST CI shall generate a physical "media label" that operations staff can apply to the media, and shall associate the individual piece of media with any other media in the distribution.	B	functional	---	---		04.05.06
DSS-30700	For physical media distributions, the DDIST CI shall generate a physical "shipping label" that operations staff can affix to the shipping container and indicates the destination of the media.	B	functional	---	---		04.05.06
DSS-30770	The DDIST CI shall provide an applications program interface to submit Distribution Requests, obtain Request Status for Distribution Requests, and retrieve a list of Distribution Requests submitted.	B	functional	---	---		04.05.06
DSS-30795	For physical media distributions, the DDIST CI shall record the cost of the media to be used for accounting.	B	functional	---	---		04.05.06
INS-00187	The INGST CI shall access the Advertising service to determine the availability of a Network Ingest Request service for a given Data Type Identifier.	B	interface	INS	ADSRV	None	04.06.03
INS-00234	The INGST CI shall access the Advertising service to determine the availability of a Document Ingest Request service for a given Data Type Identifier.	B	interface	INS	ADSRV	None	04.06.03
INS-00321	The INGST CI shall advertise available Interactive Network Ingest services.	B	interface	INS	ADSRV	None	04.06.03
INS-00355	The INGST CI shall accept an ingest Suspension Request from authorized operations staff to suspend ongoing ingest request processing for a specified ingest Request Identifier, to suspend all ongoing ingest request processing from a specified External Data Provider, or to suspend all ongoing ingest request processing.	B	functional	---	---		04.06.03
INS-00357	The INGST CI shall accept an ingest Resumption Request from authorized operations staff to resume ongoing ingest request processing for a specified ingest Request Identifier, to resume all ongoing ingest request processing from a specified External Data Provider, or to resume all ongoing ingest request processing.	B	functional	---	---		04.06.03
INS-00363	The INGST CI shall authenticate the User Identifier of operations staff submitting an ingest Suspension Request or ingest Resumption Request.	B	functional	---	---		04.06.03
INS-00365	The INGST CI shall accept an ingest Suspension Request from authorized applications to suspend ongoing ingest request processing for a specified Request Identifier, to suspend all ongoing ingest request processing from a specified External Data Provider, or to suspend all ongoing ingest request processing.	B	functional	---	---		04.06.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
INS-00367	The INGST CI shall accept an ingest Resumption Request from authorized applications to resume ongoing ingest request processing for a specified Request Identifier, to resume all ongoing ingest request processing from a specified External Data Provider, or to resume all ongoing ingest request processing.	B	functional	---	---		04.06.03
INS-00370	The INGST CI shall authenticate the User Identifier of an application submitting an ingest Suspension Request or ingest Resumption Request.	B	functional	---	---		04.06.03
INS-00393	The INGST CI shall report status on ingest Suspension Requests to the requesting operations staff and to the Error Log for the following: a. Unauthorized requester b. Invalid ingest Request Identifier c. Unable to suspend specified Ingest Request(s)	B	functional	---	---		04.06.03
INS-00394	The INGST CI shall report status on ingest Resumption Requests to the requesting operations staff and to the Error Log for the following:	B	functional	---	---		04.06.03
INS-00397	The INGST CI shall report status on ingest Suspension Requests to the requesting application and to the Error Log for the following: a. Unauthorized requester b. Invalid ingest Request Identifier c. Unable to suspend specified Ingest Request(s)	B	functional	---	---		04.06.03
INS-00398	The INGST CI shall report status on ingest Resumption Requests to the requesting application and to the Error Log for the following: a. Unauthorized requester b. Invalid ingest Request Identifier	B	functional	---	---		04.06.03
INS-00401	The INGST CI shall convert ingested data into a form accepted by the SDSRV CI/DDSRV CI, for the following data types: TBD	B	functional	---	---	None	04.06.03
INS-00402	The INGST CI shall reformat ingested data into a form accepted by the SDSRV CI/DDSRV CI, as needed.	B	functional	---	---		04.06.03
INS-00600	The INGST CI shall ingest Data, provided by the EDOS, from physical media at the GSFC DAAC as a backup transfer mechanism.	B	interface	---	---		04.06.03
INS-00610	The INGST CI shall ingest Data, provided by the EDOS, from physical media at the LaRC DAAC as a backup transfer mechanism.	B	interface	---	---		04.06.03
INS-00645	The INGST CI shall ingest Data, provided by the NMC, from the LAN into the GSFC DAAC using a file transfer protocol.	B	interface	INS	NMC	None	04.06.03
INS-00650	The INGST CI shall ingest data, provided by the DAO, from the ESN into the EDC DAAC using a file transfer protocol.	B	interface	---	---		04.06.03
INS-00682	The INGST CI shall ingest Data, provided by an SCF, from the LAN into the GSFC DAAC using a file transfer protocol.	B	interface	INS	GSFC SCFs	None	04.06.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
INS-00684	The INGST CI shall ingest Data, provided by an SCF, from the LAN into the JPL DAAC using a file transfer protocol.	B	interface	INS	JPL SCFs	None	04.06.03
INS-00730	The INGST CI shall ingest data, provided by the FDF, from the ESN into the GSFC DAAC using a file transfer protocol.	B	interface	---	---		04.06.03
INS-00740	The INGST CI shall accept a TBD request for Repaired Orbit Data.	B	interface	---	---		04.06.03
INS-00785	The INGST CI shall ingest Data, provided by the Landsat 7 Image Assessment System (IAS), from the LAN into the EDC DAAC using a file transfer protocol.	B	interface	INS	Landsat 7 IAS	None	04.06.03
INS-00787	The INGST CI shall ingest Data, provided by the Landsat 7 International International Ground Systems (IGSs), from the EDC DAAC on TBD media from the following IGSs: a. TBD	B	interface	INS	Landsat 7 IGS	None	04.06.03
INS-00790	The INGST CI shall ingest data, received on physical media from the ASTER GDS, into the EDC DAAC.	B	interface	---	---		04.06.03
INS-00840	The INGEST shall ingest data provided by Adeos II/SeaWinds.	B	interface				04.06.03
INS-00842	The INGST CI shall ingest Data, provided by RADARSAT, into the ASF DAAC by TBD means.	B	interface	INS	IP	None	04.06.03
INS-00844	The INGST CI shall ingest Data, provided by RADAR-ALT, into the JPL DAAC by TBD means.	B	interface	INS	IP	None	04.06.03
INS-00846	The INGST CI shall ingest Data, provided by ERS-1 and ERS-2, into the ASF DAAC by TBD means.	B	interface	INS	IP	None	04.06.03
INS-00848	The INGST CI shall ingest Data, provided by JERS-1, into the ASF DAAC by TBD means.	B	interface	INS	IP	None	04.06.03
INS-00850	The INGST CI shall ingest Data, provided by SAGE III, into the LaRC DAAC by TBD means.	B	interface	INS	IP	None	04.06.03
INS-00852	The INGST CI shall ingest Data, provided by ACRIM, into the TBD DAAC by TBD means.	B	interface	INS	IP	None	04.06.03
INS-00854	The INGST CI shall ingest Data, provided by the ASF Receiving Ground Station (RGS) via a network interface using a file transfer protocol.	B	interface	INS	ASF DAAC	None	04.06.03
INS-00856	The INGST CI shall ingest Data, provided by the ASF SAR Processing System (SPS) via a network interface using a file transfer protocol.	B	interface	INS	ASF DAAC	None	04.06.03
INS-00900	The INGST CI at the GSFC DAAC shall be capable of 200 percent expansion in throughput without architecture or design change.	B	evolvable	---	---		04.06.03
INS-00910	The INGST CI at the LaRC DAAC shall be capable of 200 percent expansion in throughput without architecture or design change.	B	evolvable	---	---		04.06.03
INS-00920	The INGST CI at the MSFC DAAC shall be capable of 200 percent expansion in throughput without architecture or design change.	B	evolvable	---	---		04.06.03
INS-00925	The INGST CI at the EDC DAAC shall be capable of 200 percent expansion in throughput without architecture or design change.	B	evolvable	---	---	None	04.06.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
INS-00927	The INGST CI at the NSIDC DAAC shall be capable of 200 percent expansion in throughput without architecture or design change.	B	evolvable	---	---	None	04.06.03
INS-00929	The INGST CI at the ASF DAAC shall be capable of 200 percent expansion in throughput without architecture or design change.	B	evolvable	---	---	None	04.06.03
INS-00930	The INGST CI at the JPL DAAC shall be capable of 200 percent expansion in throughput without architecture or design change.	B	evolvable	---	---	None	04.06.03
INS-02000	The INGST CI shall interactively accept Document Scanning/Digitizing Requests from authorized operations staff for hard copy media to be ingested.	B	functional	---	---		04.06.03
INS-02010	The INGST CI shall authenticate that the Document Scanning/Digitizing Request is input by operations staff authorized to ingest hard copy media.	B	functional	---	---		04.06.03
INS-02020	The INGST CI shall verify that the External Data Provider specified in a Document Scanning/Digitizing Request is an authorized provider of hard copy media to be ingested.	B	functional	---	---		04.06.03
INS-02030	The INGST CI shall automatically determine the data volume for each scanned or digitized file resulting from an interactively entered Document Scanning/Digitizing Request.	B	functional	---	---		04.06.03
INS-02040	The INGST CI shall report to the Error Log an unauthorized attempt to interactively request ingest of hard copy media.	B	functional	---	---		04.06.03
INS-02050	The INGST CI shall report Document Scanning/Digitizing Request status to the submitting operations staff for the following: a. Hard copy scanning/digitizing failure b. Invalid Data Type Identifier c. Missing required metadata d. Metadata parameters out of range e. Failure to archive data f. Unauthorized hard copy media provider g. Unauthorized operations staff h. Successful archive of data	B	functional	---	---		04.06.03
INS-03103	"The INGST CI shall extract metadata from ingested data into a form accepted by the Science Data Server/Document Data Server, as needed, for the following categories of data:" a. Metadata parameters stored in a data-set-specific format	B	functional	---	---	None	04.06.03
INS-03200	The INGST CI shall be capable of operating in an off-line (test) mode.	B	test	---	---	None	04.06.03
INS-03210	The INGST CI shall be capable of accessing test data sets when operating in off-line (test) mode.	B	test	---	---	None	04.06.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
INS-60660	The ICLHW CI shall include the on-line (operational mode) and off-line (test mode) fault detection and isolation capabilities required to achieve the specified operational availability requirements.	B	functional	---	---	None	04.06.04
INS-60711	The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the SDPF interface at GSFC.	B	functional	---	---	None	04.06.04
INS-60712	The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the SDPF interface at MSFC.	B	functional	---	---	None	04.06.04
INS-60715	The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the AM-1 mission at GSFC.	B	functional	---	---	None	04.06.04
INS-60716	The ICLHW CI shall contain the storage and interface resources to support the ingest functions for the AM-1 mission at LaRC.	B	functional	---	---	None	04.06.04
INS-60721	The ICLHW CI at the GSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with EDOS.	B	functional	INS	EDOS	None	04.06.04
INS-60726	The ICLHW CI at the LaRC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with EDOS.	B	functional	INS	EDOS	None	04.06.04
INS-60727	The ICLHW CI at the LaRC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with SAGE III.	B	performance	INS	SAGE III	None	04.06.04
INS-60728	The ICLHW CI at the LaRC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with ACRIM.	B	performance	INS	ACRIM	None	04.06.04
INS-60733	The ICLHW CI at the EDC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with the Landsat 7 Processing System.	B	performance	INS	Landsat 7 DPS	None	04.06.04
INS-60736	The ICLHW CI at the GSFC DAAC shall be sized to store and maintain the volume of EDOS data for a 1-year period of time as specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	---	---	None	04.06.04
INS-60741	The ICLHW CI at the LaRC DAAC shall be sized to store and maintain the volume of EDOS data for a 1-year period of time as specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	---	---	None	04.06.04
INS-60751	The ICLHW CI at the GSFC DAAC shall be sized to temporarily store the volume of EDOS data as specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	functional	---	---	None	04.06.04
INS-60753	The ICLHW CI at the GSFC DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface to support the EOS AM-1 mission.	B	performance	---	---		04.06.04
INS-60756	The ICLHW CI at the LaRC DAAC shall be sized to temporarily store the volume of EDOS data as specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	---	---	None	04.06.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
INS-60770	The ICLHW CI at the EDC DAAC shall be sized to temporarily store the volume of Landsat 7 data as specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	---	---	None	04.06.04
INS-60775	The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with the ASF RGS.	B	performance	INS	ASF DAAC	None	04.06.04
INS-60776	The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with the ASF SPS.	B	performance	INS	ASF DAAC	None	04.06.04
INS-60777	The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with RADARSAT.	B	performance	INS	ASF DAAC	None	04.06.04
INS-60778	The ICLHW CI at the JPL DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with RADAR-ALT.	B	performance	INS	JPL DAAC	None	04.06.04
INS-60779	The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with ERS-1.	B	performance	INS	ASF DAAC	None	04.06.04
INS-60780	The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with ERS-2.	B	performance	INS	ASF DAAC	None	04.06.04
INS-60781	The ICLHW CI at the ASF DAAC shall be sized to support TBD bytes/second at the electronic data ingest interface with JERS-1.	B	performance	INS	ASF DAAC	None	04.06.04
INS-61000	The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the EDOS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	EDOS	None	04.06.04
INS-61010	The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the EDOS at a maximum daily rate that is three times the nominal rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	EDOS	None	04.06.04
INS-61020	The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the EDOS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	EDOS	None	04.06.04
INS-61025	The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from the EDOS at a maximum daily rate that is three times the nominal rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	EDOS	None	04.06.04
INS-61030	The ICLHW CI at the EDC DAAC shall be capable of ingesting data from the Landsat 7 Processing System (LPS) at the nominal rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	Landsat 7 DPS	None	04.06.04
INS-61040	The ICLHW CI at the EDC DAAC shall be capable of ingesting data from the Landsat 7 IAS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	Landsat 7 IAS	None	04.06.04

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
INS-61050	The ICLHW CI at the EDC DAAC shall be capable of ingesting data from the Landsat 7 IGSs at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	Landsat 7 IGS	None	04.06.04
INS-61080	The ICLHW CI at the GSFC DAAC shall be capable of ingesting data from the NMC at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	NMC	None	04.06.04
INS-61100	The ICLHW CI at the ASF DAAC shall be capable of ingesting data from RADARSAT at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	RADAR SAT	None	04.06.04
INS-61110	The ICLHW CI at the ASF DAAC shall be capable of ingesting data from RADAR-ALT at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	RADAR-ALT	None	04.06.04
INS-61120	The ICLHW CI at the ASF DAAC shall be capable of ingesting data from ERS-1 and ERS-2 at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	"ERS-1,ERS-2"	None	04.06.04
INS-61130	The ICLHW CI at the ASF DAAC shall be capable of ingesting data from JERS-1 at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	JERS-1	None	04.06.04
INS-61140	The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from SAGE III at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	SAGE III	None	04.06.04
INS-61150	The ICLHW CI at the ASF DAAC shall be capable of ingesting data from the ASF RGS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	ASF DAAC	None	04.06.04
INS-61160	The ICLHW CI at the ASF DAAC shall be capable of ingesting data from the ASF SPS at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	ASF DAAC	None	04.06.04
INS-61170	The ICLHW CI at the LaRC DAAC shall be capable of ingesting data from ACRIM at the nominal daily rate specified in Appendix E (Section E.1, Table E-1 and Section E.2 Table E-2) of the current version of 304-CD-005.	B	performance	INS	TBD	None	04.06.04
IOS-00590	The ADSRV CI shall provide Advertisements that describe Science Processing Library holdings.	B	functional	---	---		04.03.03
IOS-00940	The ADSRV CI shall provide its current mode on request.	B	functional	IOP	MSS		04.03.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
IOS-00950	The ADSRV CI shall provide a capability for logistics and maintenance status to be provided to the SMC.	B	functional	IOP	MSS		04.03.03
IOS-00960	The ADSRV CI shall provide a capability to display SMC directives to operator personnel.	B	functional	MSS	IOP		04.03.03
IOS-60360	The ADSHW CI shall accept and process lifecycle commands from the MSS.	B	functional	MSS	IOP		04.03.04
PLS-00070	The PLANG CI shall accept Production Requests for reprocessing of Data Products from currently available input data.	B	functional	---	---		04.08.03
PLS-00100	The PLANG CI shall accept Production Requests for On-Demand Data Products.	B	interface	DSS	PLS	Changed from funcitonal to interface in release B	04.08.03
PLS-00110	The PLANG CI shall reject a Production Request for On-Demand Data Products if the processing completion deadline (specified in the Production Request) cannot be met.	B	functional	---	---		04.08.03
PLS-00120	The PLANG CI shall validate Production Requests for On-Demand Data Products against a pre-approved list of acceptance criteria.	B	functional	---	---		04.08.03
PLS-00130	The PLANG CI shall send a response message to the Data Server confirming the acceptance status of the received Production Request for On-Demand Data Products (" accepted", "rejected", "deferred") and reason for rejection of a request (if applicable).	B	interface	---	---		04.08.03
PLS-00140	Upon acceptance of a Production Request for an On-Demand Data Product, the PLANG CI shall immediately forward its corresponding Data Processing Requests to the PRONG CI if predefined resource thresholds are not exceeded and if the input data is available.	B	interface	---	---		04.08.03
PLS-00150	The PLANG CI shall defer On-Demand Production Requests for future plan generation consideration when these On-Demand Production Requests are estimated to exceed a predefined resource threshold.	B	functional	---	---		04.08.03
PLS-00160	If a Production Request for an On-Demand Data Product exceeds a predefined resource usage threshold, the PLANG CI shall notify the operations staff that the Production Request has been deferred.	B	functional	---	---		04.08.03
PLS-00165	The PLANG CI shall allow the operator to specify the resource usage thresholds used to accept or defer On-Demand Production Requests.	B	functional	---	---	NONE	04.08.03
PLS-00170	The PLANG CI shall accept updates (modifications/ cancellations) to Production Requests for On-Demand Data Products.	B	functional	---	---		04.08.03
PLS-00190	The PLANG CI shall forward a response message to the Data Server indicating acceptance / rejection status of the updates to the Production Request for On-Demand Data Products .	B	interface	---	---		04.08.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
PLS-00230	The PLANG CI shall provide production rules (via GUI) to break up large reprocessing Production Requests.	B	functional	---	---	NONE	04.08.03
PLS-00405	The PLANG CI shall allow the conditions for execution of Product Generation Executives (PGEs) to include intermediate results such as metadata fields of input data.	B	functional	---	---	NONE	04.08.03
PLS-00407	The PLANG CI shall maintain Product Generation Executives (PGEs) information necessary to support the production of tile or spatial-based output Granules.	B	functional	---	---	NONE	04.08.03
PLS-00445	The PLANG CI shall maintain multiple Production Strategies defined by sets of Production Rules to be used when preparing a Production Plan.	B	functional	---	---	NONE	04.08.03
PLS-00455	The PLANG CI shall support the capability that allows the operations staff to update (enter/ modify/ delete) the Production Strategies (via GUI).	B	functional	---	---	NONE	04.08.03
PLS-00457	The PLANG CI GUI shall conform to the guidelines in version 5.1 of the ECS User Interface Style Guide.	B	functional	---	---	NONE	04.08.03
PLS-00458	To the extent possible, the PLANG CI COTS GUI shall be configured to conform to the guidelines in version 5.1 of the ECS User Interface Style Guide.	B	functional	---	---	NONE	04.08.03
PLS-00465	The PLANG shall maintain lists of input Granules in order to support the production of tile or spatial-based output Granules	B	functional	---	---	NONE	04.08.03
PLS-00604	The PLANG CI shall receive advertisements from the IOS.	B	interface	IOS	PLS		04.08.03
PLS-00606	The PLANG CI shall send advertisement subscriptions to the IOS.	B	interface	PLS	IOS		04.08.03
PLS-00611	The operations staff shall manually submit (to the Data Server) Data Subscriptions for the Data Availability Schedules (DAS) of any remote ECS sites, any IP and any ODC that makes a DAS available	B	procedural	---	---	Replaces S-PLS-00610	04.08.03
PLS-00615	The operations staff shall manually submit (to the Data Server) Data Subscriptions for FOS plans and schedules.	B	procedural	---	---	NONE	04.08.03
PLS-00631	The PLANG CI shall receive Data Availability Schedule Notices indicating arrival of Data Availability Schedules (DAS) for any remote ECS site, any IP, and any ODC that makes a Data Availability Schedules available.	B	functional	---	---	Replaces S-PLS-00630	04.08.03
PLS-00635	The PLANG CI shall receive Data Availability Schedule Notices indicating arrival of FOS plans and schedules	B	interface	DSS	PLS	NONE	04.08.03
PLS-00651	The PLANG CI shall accept Data Availability Schedules (DAS), for remote ECS sites, IPs, and ODCs, based on the Data Availability Schedule Notices received.	B	functional	---	---	Replaces S-PLS-00650	04.08.03
PLS-00652	The PLANG CI shall support the capability to retrieve FOS plans and schedules from the Data Server.	B	interface	DSS	PLS	NONE	04.08.03
PLS-00654	The PLANG CI shall create a Data Availability Schedule (DAS) for EDOS based on FOS plans and schedules.	B	functional	---	---	NONE	04.08.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
PLS-00656	The PLANG CI shall send a response message to Data Server upon receiving FOS plan and schedule, confirming the receiving of the data	B	interface	PLS	DSS	NONE	04.08.03
PLS-00665	The PLANG CI shall notify the operations staff (via GUI), about the arrival of any Data Availability Schedule Notice corresponding to a DAS.	B	functional	---	---	S-PLS-00660	04.08.03
PLS-00700	The PLANG CI shall create a Candidate Plan specifying a timeline for PGE execution that will satisfy Production Requests for Reprocessing and On-Demand Data Products.	B	functional	---	---		04.08.03
PLS-00720	The PLANG CI shall create a Candidate Plan based on the data availability schedules for remote ECS sites, EDOS, the IPs, and ODCs, as needed.	B	functional	---	---	NONE	04.08.03
PLS-00741	The PLANG CI shall seperate AI&T activities from the operational production environment.	B	functional	---	---	Replaces S-PLS-00740	04.08.03
PLS-00811	The PLANG CI shall reconcile any outstanding Data Processing Requests in the current Active Plan with the Data Processing Requests in the Candidate Plan to be activated.	B	functional	---	---	Replaces S-PLS-00810	04.08.03
PLS-00845	The PLANG CI shall support the capability to retrieve stored plans and their corresponding metadata from the Data Server based on specific queries.	B	interface	---	---		04.08.03
PLS-00850	The PLANG CI shall have the capability to generate data availability schedules (and the corresponding metadata) that reflect the Data Products expected to be generated in the Production Plan.	B	functional	---	---		04.08.03
PLS-00860	The PLANG CI shall send the data availability schedules and the corresponding metadata to the designated Data Server.	B	interface	---	---		04.08.03
PLS-01210	The PLANG CI shall provide the operations staff with the capability to perform the following on-line functions, via GUI: a. Entry/query/update/ cancellation of Production Requests for Reprocessing, b. Query/update/cancellation of Production Requests for On-Demand Data Products.	B	functional	---	---		04.08.03
PLS-01230	The PLANG CI shall support the display (via GUI) of warning messages to the operations staff indicating revised completion times if processing will not complete per original schedule.	B	functional	---	---		04.08.03
PLS-01460	The PLANG CI shall collect Accounting Management Data and provide it to the MSS.	B	interface	---	---		04.08.03
PLS-02000	The PLANG CI shall be able to accept scheduling information on external events which affect processing resources and operations	B	functional	---	---	NONE	04.08.03
PLS-02010	The PLANG CI shall identify scheduling conflicts.	B	functional	---	---	NONE	04.08.03
PLS-02020	The PLANG CI shall be able to provide operations personnel priorities and planned execution times of jobs causing scheduling conflicts within and between DAACs.	B	functional	---	---	NONE	04.08.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #
PLS-02030	The PLANG CI shall identify conflicts in plans caused by cross-DAAC data dependencies.	B	functional	---	---	NONE	04.08.03
PLS-02040	The PLANG CI shall be able to display (via GUI) cross-DAAC data dependencies.	B	functional	---	---	NONE	04.08.03
PLS-02050	The PLANG CI shall be able to provide plans to PLANG CIs at other sites.	B	functional	---	---	Transfer mechanism may involve Data Server	04.08.03
PLS-02060	The PLANG CI shall be able to account for cross-DAAC data dependencies in the plans it generates.	B	functional	---	---	NONE	04.08.03
PLS-02070	The PLANG CI shall be able to integrate multiple DAAC plans to produce a coordinated plan.	B	functional	---	---	NONE	04.08.03
PLS-02080	The PLANG CI shall provide the operations and management staff at a site the ability to send routine scheduling information to other sites.	B	functional	---	---	NONE	04.08.03
PLS-02090	The PLANG CI shall able to receive routine scheduling information from other sites.	B	functional	---	---	NONE	04.08.03
PLS-02100	The PLANG CI shall provide the operations and management staff at a site the ability to send scheduling request information to other sites.	B	functional	---	---	NONE	04.08.03
PLS-02110	The PLANG CI shall able to receive scheduling request information from other sites.	B	functional	---	---	NONE	04.08.03
PLS-02120	The PLANG CI shall provide the operations and management staff at a site the ability to send schedule conflict alert information to other sites.	B	functional	---	---	NONE	04.08.03
PLS-02130	The PLANG CI shall able to receive schedule conflict alert information from other sites.	B	functional	---	---	NONE	04.08.03
PLS-02140	The PLANG CI shall provide the operations and management staff at a site the ability to send emergency scheduling information to other sites.	B	functional	---	---	NONE	04.08.03
PLS-02150	The PLANG CI shall able to receive emergency scheduling information from other sites.	B	functional	---	---	NONE	04.08.03
PLS-02160	The PLANG CI shall be able to send routine scheduling information to other sites	B	functional	---	---	NONE	04.08.03
PLS-02170	The PLANG CI shall be able to send scheduling request information to other sites	B	functional	---	---	NONE	04.08.03
PLS-02180	The PLANG CI shall be able to send schedule conflict alert information to other sites	B	functional	---	---	NONE	04.08.03
PLS-02190	The PLANG CI shall be able to send emergency scheduling information to other sites	B	functional	---	---	NONE	04.08.03
PLS-02200	The PLANG CI shall have the capability to automatically extract pertinent scheduling information based on operator supplied criteria.	B	functional	---	---		04.08.03

Rqmt_id	Text	Rel	Rqmt Type	Src Int	Dest Int	Relb Clar	Relb Sec #